S6820-1

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF HEALTH

PENNSYLVANIA VITAL STATISTICS
ANNUAL REPORT, 1979

DEPARTMENT OF HEALTH
H. ARNOLD MULLER, M.D.
SECRETARY

HEALTH DATA CENTER
HARRISBURG, PENNSYLVANIA
NOVEMBER 1, 1980

****

TABLE OF CONTENTS

****

PAGE

LIST OF TABLES v

LIST OF ILLUSTRATIONS viii

PREFACE 1

1979 POPULATION STATISTICS

Highlights 5
State Table and Illustration 7
County Table 9
City Table 10
Health Service Area Table 10

1979 NATALITY STATISTICS

Highlights 13
State Tables and Illustration 15
Health Service Area Tables 22
County Tables 25
City Tables 34

1979 MORTALITY STATISTICS

Highlights 41
State Tables and Illustrations 45
Health Service Area Tables 76
County Tables 81
City Tables 91

1979 MARRIAGE AND DIVORCE STATISTICS

Highlights 103
Marriage Tables 105
Divorce Tables 112
County Marriage and Divorce Table 114

TECHNICAL NOTES

A. Sources of Data 117
B. Data Quality 117
C. Geographic Allocation 117
D. Definitions of Rates 118
E. 35 Selected Causes of Death 118
F. Major Features and Changes in the Ninth Revision of the ICD Classification 119

****

LIST OF TABLES

****

PAGE

POPULATION TABLES

TABLE A-1 POPULATION BY AGE AND SEX: PENNSYLVANIA, 1970 AND 1979 7

TABLE A-2 POPULATION FOR COUNTIES: PENNSYLVANIA, 1970 AND 1979 9

TABLE A-3 POPULATION FOR SELECTED CITIES: PENNSYLVANIA, 1970, 1978 10

TABLE A-4 POPULATION FOR HEALTH SERVICE AREAS: PENNSYLVANIA, 1970 AND 1979 10

NATALITY TABLES

TABLE B-1 RESIDENT LIVE BIRTHS BY AGE OF MOTHER, NUMBER AND RATE: PENNSYLVANIA, 1979, 1975, 1970, 1965, 1960 15

TABLE B-2 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND SEX AND RACE OF CHILD: PENNSYLVANIA, 1979 16

TABLE B-3 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TRIMESTER OF FIRST PRENATAL VISIT, NUMBER AND PERCENT: PENNSYLVANIA, 1979 16

TABLE B-4 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND SEX AND RACE OF CHILD: PENNSYLVANIA, 1979 17

TABLE B-5 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND WEIGHT AT BIRTH, NUMBER AND PERCENT: PENNSYLVANIA, 1979 17

TABLE B-6 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND BIRTH ORDER, NUMBER AND PERCENT: PENNSYLVANIA, 1979 18

TABLE B-7 RESIDENT LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER, NUMBER AND PERCENT: PENNSYLVANIA, 1979 18

TABLE B-8 RESIDENT LIVE BIRTHS BY AGE AND EDUCATION OF MOTHER, NUMBER AND PERCENT: PENNSYLVANIA, 1979 19

TABLE B-9 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND PLACE OF DELIVERY: PENNSYLVANIA, 1979 19

TABLE B-10 RESIDENT LIVE BIRTHS BY MEDICAL CONDITIONS AND SEX AND RACE OF CHILD, NUMBER AND PERCENT: PENNSYLVANIA, 1979 20

TABLE B-11 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY: PENNSYLVANIA, 1979 20

TABLE B-12a RESIDENT LIVE BIRTHS BY APGAR SCORE, ONE AND FIVE MINUTES BY RACE, NUMBER AND PERCENT: PENNSYLVANIA, 1979 21

TABLE B-12b RESIDENT LIVE BIRTHS BY APGAR SCORE, ONE AND FIVE MINUTES BY SEX, NUMBER AND PERCENT: PENNSYLVANIA, 1979 21

TABLE B-13 RESIDENT LIVE BIRTHS BY AGE OF MOTHER FOR HEALTH SERVICE AREAS: PENNSYLVANIA, 1979 22

TABLE B-14 RESIDENT LIVE BIRTHS BY SEX AND RACE FOR HEALTH AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979 22

TABLE B-15 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT FOR HEALTH SERVICE AREAS, NUMBER AND PERCENT: PENNSYLVANIA, 1979 23

TABLE B-16 RESIDENT LIVE BIRTHS BY BIRTH ORDER FOR HEALTH SERVICE AREAS, NUMBER AND PERCENT: PENNSYLVANIA, 1979 23

TABLE B-17 RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER FOR HEALTH SERVICE AREAS, NUMBER AND PERCENT: PENNSYLVANIA, 1979 24

TABLE B-18 RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER FOR HEALTH SERVICE AREAS, NUMBER AND PERCENT: PENNSYLVANIA, 1979 24

TABLE B-19 RESIDENT LIVE BIRTHS BY AGE OF MOTHER FOR COUNTIES: PENNSYLVANIA, 1979 25

TABLE B-20 RESIDENT LIVE BIRTHS BY SEX AND RACE FOR COUNTIES, NUMBER AND RATE: PENNSYLVANIA, 1979 26

PAGE

TABLE B-21 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT FOR COUNTIES, NUMBER AND PERCENT: PENNSYLVANIA, 1979........................ 27

TABLE B-22 RESIDENT LIVE BIRTHS BY BIRTH ORDER FOR COUNTIES, NUMBER AND PERCENT: PENNSYLVANIA, 1979........................ 28

TABLE B-23 RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER FOR COUNTIES, NUMBER AND PERCENT: PENNSYLVANIA, 1979............. 29

TABLE B-24 RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER FOR COUNTIES, NUMBER AND PERCENT: PENNSYLVANIA, 1979............. 30

TABLE B-25 RESIDENT LIVE BIRTHS BY MONTH OF BIRTH FOR COUNTIES: PENNSYLVANIA, 1979.. 31

TABLE B-26 RESIDENT LIVE BIRTHS BY TRIMESTER OF FIRST PRENATAL VISIT FOR COUNTIES, NUMBER AND PERCENT: PENNSYLVANIA, 1979.. 32

TABLE B-27 RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY FOR COUNTIES: PENNSYLVANIA, 1979.. 33

TABLE B-28 RESIDENT LIVE BIRTHS BY AGE OF MOTHER FOR SELECTED CITIES: PENNSYLVANIA, 1979.. 34

TABLE B-29 RESIDENT LIVE BIRTHS BY SEX AND RACE FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1979........................ 35

TABLE B-30 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT FOR SELECTED CITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1979..................... 36

TABLE B-31 RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER FOR SELECTED CITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1979..... 37

MORTALITY TABLES

TABLE C-1 RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL AND MATERNAL DEATHS, NUMBER AND RATE: PENNSYLVANIA, 1940-1979... 45

TABLE C-2 RESIDENT DEATHS BY AGE GROUP, NUMBER AND RATE: PENNSYLVANIA, 1979, 1978, 1970, 1960, 1950, 1940............. 47

TABLE C-3 LEADING CAUSES OF DEATH: PENNSYLVANIA, 1979, 1970, 1960, 1950, 1940, 1930, 1920.................................... 49

TABLE C-4a LEADING CAUSES OF DEATH BY AGE GROUP, BOTH SEXES, NUMBER AND RANK: PENNSYLVANIA, 1979................................ 51

TABLE C-4b LEADING CAUSES OF DEATH BY AGE GROUP, MALES, NUMBER AND RANK: PENNSYLVANIA, 1979..................................... 52

TABLE C-4c LEADING CAUSES OF DEATH BY AGE GROUP, FEMALES, NUMBER AND RANK: PENNSYLVANIA, 1979................................ 53

TABLE C-4d LEADING CAUSES OF DEATH BY AGE GROUP, WHITE POPULATION, NUMBER AND RANK: PENNSYLVANIA, 1979.......................... 54

TABLE C-4e LEADING CAUSES OF DEATH BY AGE GROUP, NONWHITE POPULATION, NUMBER AND RANK: PENNSYLVANIA, 1979......................... 55

TABLE C-5 RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979.. 56

TABLE C-6 RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH, NUMBER AND RATE: PENNSYLVANIA, 1979................................. 66

TABLE C-7 FETAL DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979.. 69

TABLE C-8 HEART DISEASE DEATHS, NUMBER AND RATE: PENNSYLVANIA, 1930-1979... 70

TABLE C-9 MALIGNANT NEOPLASM DEATHS, NUMBER AND RATE: PENNSYLVANIA, 1930-1979... 71

TABLE C-10 ACCIDENTAL DEATHS, ALL FORMS, NUMBER AND RATE: PENNSYLVANIA, 1930-1979.. 72

TABLE C-11 PNEUMONIA AND INFLUENZA DEATHS, NUMBER AND RATE: PENNSYLVANIA, 1930-1979.. 73

TABLE C-12 SUICIDE DEATHS, NUMBER AND RATE: PENNSYLVANIA, 1930-1979.... 74

TABLE C-13 HOMICIDE DEATHS, NUMBER AND RATE: PENNSYLVANIA, 1930-1979... 75

TABLE C-14 RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT AND NEONATAL DEATHS FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979.. 76

PAGE

TABLE C-15 RESIDENT DEATHS BY AGE GROUP FOR HEALTH SERVICE AREAS: PENNSYLVANIA, 1979 76

TABLE C-16 LEADING CAUSES OF DEATH FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979 77

TABLE C-17 RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, AND NEONATAL DEATHS BY COUNTY, NUMBER AND RATE: PENNSYLVANIA, 1979 81

TABLE C-18 RESIDENT DEATHS BY AGE GROUP FOR COUNTIES: PENNSYLVANIA, 1979 82

TABLE C-19 LEADING CAUSES OF DEATH FOR COUNTIES, NUMBER AND RATE: PENNSYLVANIA, 1979 83

TABLE C-20 RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, AND NEONATAL DEATHS FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1979 91

TABLE C-21 RESIDENT DEATHS BY AGE GROUP FOR SELECTED CITIES: PENNSYLVANIA, 1979 92

TABLE C-22 LEADING CAUSES OF DEATH FOR SELECTED CITIES, NUMBER AND RATE, PENNSYLVANIA, 1979 93

MARRIAGE AND DIVORCE TABLES

TABLE D-1 MARRIAGES, NUMBER AND RATE, PENNSYLVANIA OCCURRENCES: 1906-1979 105

TABLE D-2 MARRIAGES BY AGE OF BRIDE, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1974-1979 106

TABLE D-3 MARRIAGES BY AGE OF GROOM, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1974-1979 106

TABLE D-4 ALL MARRIAGES, FIRST MARRIAGES, AND REMARRIAGES BY AGE OF BRIDE: PENNSYLVANIA OCCURRENCES, 1979 107

TABLE D-5 ALL MARRIAGES, FIRST MARRIAGES, AND REMARRIAGES BY AGE OF GROOM: PENNSYLVANIA OCCURRENCES, 1979 107

TABLE D-6 PREVIOUS MARITAL STATUS BY RACE AND AGE OF BRIDE: PENNSYLVANIA OCCURRENCES, 1979 108

TABLE D-7 PREVIOUS MARITAL STATUS BY RACE AND AGE OF GROOM: PENNSYLVANIA OCCURRENCES, 1979 108

TABLE D-8 PRIOR MARRIAGES BY AGE OF BRIDE: PENNSYLVANIA OCCURRENCES, 1979 109

TABLE D-9 PRIOR MARRIAGES BY AGE OF GROOM: PENNSYLVANIA OCCURRENCES, 1979 109

TABLE D-10 ALL MARRIAGES BY AGE OF BRIDE AND AGE OF GROOM, PENNSYLVANIA OCCURRENCES, 1979 110

TABLE D-11 ALL MARRIAGES BY RESIDENCE OF BRIDE AND GROOM, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1979 111

TABLE D-12 ALL MARRIAGES BY MONTH, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1979 111

TABLE D-13 DIVORCES AND ANNULMENTS, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1944-1979 112

TABLE D-14 DIVORCES AND ANNULMENTS, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1979 112

TABLE D-15 DIVORCES AND ANNULMENTS BY AGE OF WIFE AND NUMBER OF TIMES MARRIED: PENNSYLVANIA OCCURRENCES, 1979 113

TABLE D-16 DIVORCES AND ANNULMENTS BY AGE OF HUSBAND AND NUMBER OF TIMES MARRIED: PENNSYLVANIA OCCURRENCES, 1979 113

TABLE D-17 MARRIAGES AND DIVORCES BY COUNTY OF OCCURRENCE, NUMBER AND RATE: PENNSYLVANIA, 1979 114

LIST OF ILLUSTRATIONS

		PAGE
FIGURE A-1	POPULATION, PERCENT BY AGE GROUP AND SEX, PENNSYLVANIA, 1970 AND 1979	8
FIGURE B-1	BIRTH RATES BY AGE OF MOTHER, PENNSYLVANIA, 1979	15
FIGURE C-1	LIVE BIRTH AND DEATH RATES, 1940-1979	46
FIGURE C-2	INFANT AND NEONATAL DEATH RATES, 1940-1979	48
FIGURE C-3	DEATHS, PERCENT BY FIVE LEADING CAUSES, PENNSYLVANIA, 1979	50
FIGURE C-4	HEART DISEASE DEATH RATES, PENNSYLVANIA, 1930-1979	70
FIGURE C-5	MALIGNANT NEOPLASM DEATH RATES, PENNSYLVANIA, 1930-1979	71
FIGURE C-6	ACCIDENTAL DEATH RATES, PENNSYLVANIA, 1930-1979.	72
FIGURE C-7	PNEUMONIA AND INFLUENZA DEATH RATES, PENNSYLVANIA, 1930-1979	73
FIGURE C-8	SUICIDE DEATH RATES, PENNSYLVANIA, 1930-1979	74
FIGURE C-9	HOMICIDE DEATH RATES, PENNSYLVANIA, 1930-1979	75

PENNSYLVANIA VITAL STATISTICS

PREFACE

This publication of 1979 Vital Statistics for Pennsylvania was prepared by the Health Data Center, Bureau of Health Data Systems, Pennsylvania Department of Health.

The 1979 report incorporates several important changes from previous editions, which are outlined below.

- The format of the report has been modified substantially. Computer software packages, including SCRIPT, SPSS, MARK IV, and SAS, were used to produce tables, graphs and charts, and narrative material. Also, a Technical Notes section has been appended to give the reader more information on data sources, geographical allocation, comparability ratios, definitions of terms, etc.

- Two reports--one on natality and mortality and one on marriages and divorces--have been combined into one report. The purpose of this change is to continue to satisfy health data users' needs, while reducing the costs involved in publishing two separate reports.

- Tables summarizing statistics for Health Service Areas have been added to the report, in recognition of the important role health systems agencies have in respect to the health status of their area. Tables for cities of less than 25,000 population have been deleted; however, data for all minor civil divisions are available upon special request.

- Additional information has been included in the reports, as a result of recent revisions in the Pennsylvania birth and death certificates. Examples include APGAR score and education of mother from the Certificate of Live Birth.

- The ninth revision of the International Classification of Diseases has been used to determine underlying cause of death. Because of extensive changes in certain disease categories, inclusion of previous years' data was not always appropriate. Discussion of the comparability ratios for the eighth and ninth revisions, developed by the National Center for Health Statistics, has been included in the Technical Notes.

The Health Data Center welcomes comments and suggestions on the content and format of this report, especially in this year of extensive changes. The Center staff is available to answer questions regarding the report, including utilization and limitations of the data. Additional statistics not contained in this report are available upon request.

Please address all comments, questions, requests for data, etc., to:

Director, Bureau of Health Data Systems
Health Data Center
Pennsylvania Department of Health
P.O. Box 90
Harrisburg, Pennsylvania 17120

POPULATION STATISTICS

1979 POPULATION STATISTICS

HIGHLIGHTS

- The 1979 estimated Pennsylvania resident population was 11,730,500--a decrease of 63,409 persons (0.5 percent) from the 1970 U.S Bureau of the Census enumerated figure.

- The male population decreased slightly (1.1 percent) from 1970 to 1979, while the female population remained stable.

- The age group 0-14 years fell from 3.2 million in 1970 to 2.5 million in 1979 (over 22 percent). During the same interval, the number of Pennsylvanians aged 55 and above increased by nearly 12 percent.

- The median age of the Pennsylvania population in 1979 was 32.1, compared to 30.7 in 1970.

- Two of the nine Health Service Areas had a declining population during the nine year interval from 1970 to 1979. One was Southeast Pennsylvania, which includes Philadelphia; the other was Southwest Pennsylvania, which includes Pittsburgh. The population decrease was approximately four percent for both areas. The highest population gains were in the Southcentral (7.8 percent) and Eastern (5.7 percent) areas.

- Of the 67 counties, 46 experienced population gains and 21 had losses from 1970 to 1979. Counties with a 10 percent or higher growth rate included Adams, Bucks, Butler, Indiana, Jefferson, Lancaster, Monroe, Perry, Pike, Union, Wayne, and Wyoming. The most severe population declines were in Allegheny, Cameron, Delaware, McKean, and Philadelphia counties.

NOTE: The Governor's Office of Budget and Administration is no longer publishing population estimates for cities. Therefore, until the 1980 U.S. Census figures become available, 1978 estimates will continue to be used.

TABLE A-1
POPULATION BY AGE AND SEX: PENNSYLVANIA, 1970 and 1979

AGE GROUP	BOTH SEXES 1979 ESTIMATED POPULATION	BOTH SEXES 1970 ENUMERATED POPULATION	MALE 1979 ESTIMATED POPULATION	MALE 1970 ENUMERATED POPULATION	FEMALE 1979 ESTIMATED POPULATION	FEMALE 1970 ENUMERATED POPULATION
ALL AGES	11,730,500	11,793,909	5,603,000	5,665,414	6,127,500	6,128,495
UNDER 1 YEAR	143,400	181,583	73,600	92,564	69,800	89,019
1-4 YEARS	569,000	744,604	291,500	379,566	277,500	365,038
5-9	829,000	1,082,755	425,200	552,052	403,800	530,703
10-14	933,900	1,168,554	473,800	595,276	460,100	573,278
15-19	1,110,400	1,075,430	563,000	538,043	547,400	537,387
20-24	1,067,400	852,425	538,800	395,243	528,600	457,182
25-29	889,200	705,823	434,000	343,228	455,200	362,595
30-34	758,200	609,374	361,200	293,437	397,000	315,937
35-39	665,900	626,266	315,800	300,488	350,100	325,778
40-44	630,300	741,521	299,600	355,351	330,700	386,170
45-49	663,200	776,574	313,500	370,011	349,700	406,563
50-54	686,000	738,751	321,700	351,050	364,300	387,701
55-59	673,400	658,686	311,200	312,904	362,200	345,782
60-64	618,200	559,437	278,700	259,432	339,500	300,005
65-69	480,600	441,329	209,200	194,556	271,400	246,773
70-74	378,200	348,786	155,800	146,346	222,400	202,440
75 and OVER	634,200	482,011	236,400	185,867	397,800	296,144

SOURCE: 1970 POPULATION ENUMERATED BY BUREAU OF CENSUS AND 1979 PRELIMINARY ESTIMATES PROVIDED BY THE GOVERNOR'S OFFICE OF BUDGET AND ADMINISTRATION.

Figure A-1 -- POPULATION, PERCENT BY AGE GROUP AND SEX, PENNSYLVANIA, 1970 AND 1979

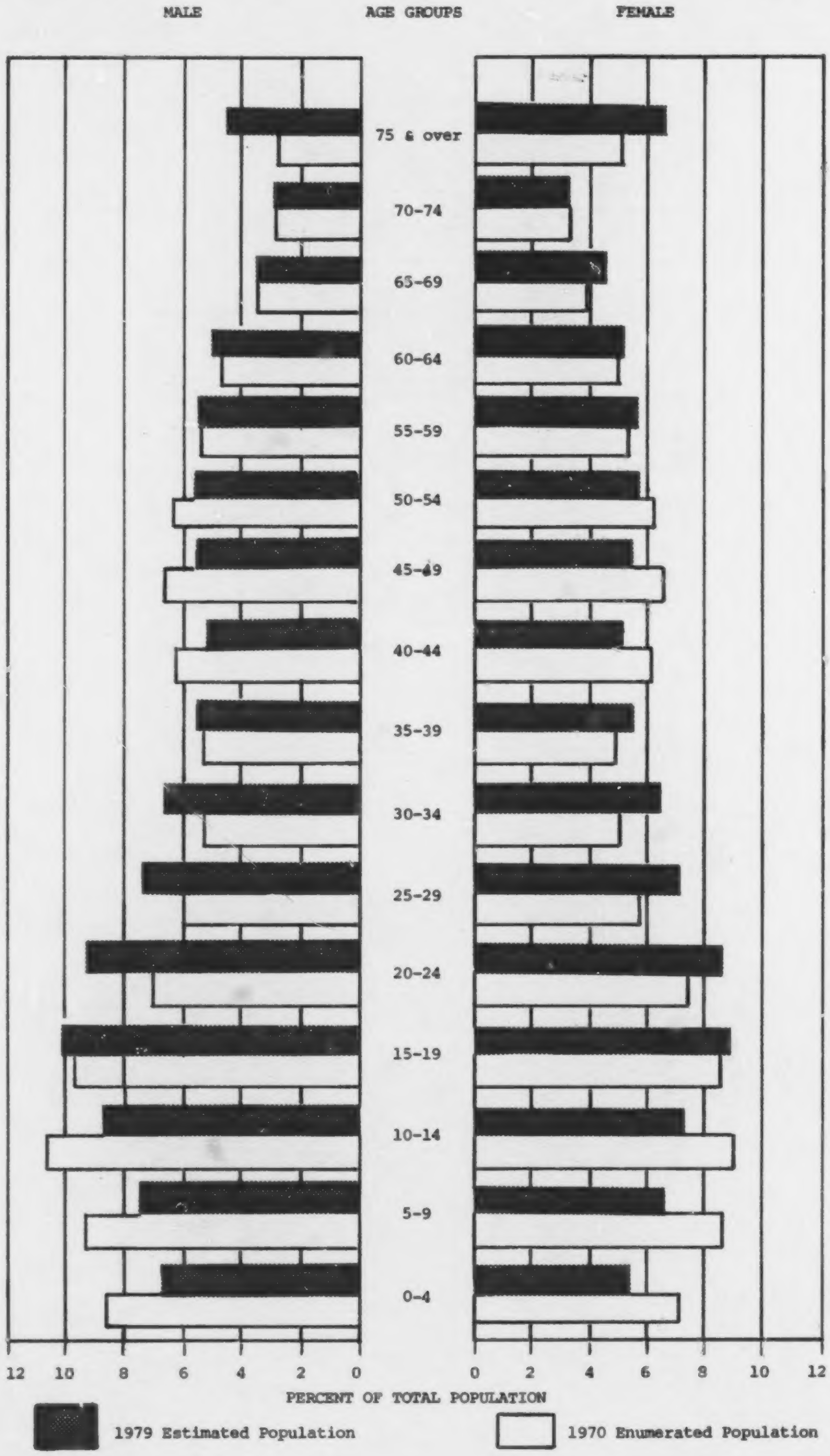


TABLE A-2
POPULATION FOR COUNTIES: PENNSYLVANIA, 1970 and 1979

COUNTY	1979 ESTIMATED POPULATION	1970 ENUMERATED POPULATION	COUNTY	1979 ESTIMATED POPULATION	1970 ENUMERATED POPULATION
ALL COUNTIES	11,730,500	11,793,909			
ADAMS	63,700	56,937	JUNIATA	18,200	16,712
ALLEGHENY	1,458,000	1,605,016	LACKAWANNA	229,900	234,107
ARMSTRONG	75,500	75,590	LANCASTER	353,900	319,693
BEAVER	206,700	208,418	LAWRENCE	105,100	107,374
BEDFORD	43,500	42,353	LEBANON	106,200	99,665
BERKS	307,300	296,382	LEHIGH	265,700	255,304
BLAIR	134,400	135,356	LUZERNE	338,400	342,301
BRADFORD	58,900	57,962	LYCOMING	114,600	113,296
BUCKS	476,500	415,056	MCKEAN	49,300	51,915
BUTLER	144,200	127,941	MERCER	126,100	127,175
CAMBRIA	183,800	186,785	MIFFLIN	43,600	45,268
CAMERON	6,700	7,096	MONROE	60,400	45,422
CARBON	52,000	50,573	MONTGOMERY	629,200	623,799
CENTRE	107,700	99,267	MONTOUR	16,800	16,508
CHESTER	304,900	278,311	NORTHAMPTON	225,800	214,368
CLARION	41,700	38,414	NORTHUMBERLAND	98,900	99,190
CLEARFIELD	79,500	74,619	PERRY	34,600	28,615
CLINTON	37,400	37,721	PHILADELPHIA	1,749,100	1,948,609
COLUMBIA	59,800	55,114	PIKE	14,600	11,818
CRAWFORD	84,800	81,342	POTTER	16,800	16,395
CUMBERLAND	172,600	158,177	SCHUYLKILL	157,100	160,089
DAUPHIN	225,200	223,834	SNYDER	30,800	29,269
DELAWARE	569,500	600,035	SOMERSET	79,700	76,037
ELK	37,300	37,770	SULLIVAN	6,100	5,961
ERIE	268,800	263,654	SUSQUEHANNA	36,600	34,344
FAYETTE	156,700	154,667	TIOGA	39,700	39,691
FOREST	5,100	4,926	UNION	31,600	28,603
FRANKLIN	107,300	100,833	VENANGO	61,200	62,353
FULTON	11,600	10,776	WARREN	45,500	47,682
GREENE	38,400	36,090	WASHINGTON	210,600	210,876
HUNTINGDON	39,800	39,108	WAYNE	36,000	29,581
INDIANA	88,600	79,451	WESTMORELAND	383,800	376,935
JEFFERSON	48,100	43,695	WYOMING	23,200	19,082
			YORK	295,200	272,603

SOURCE: 1970 POPULATION ENUMERATED BY BUREAU OF CENSUS AND 1979 PRELIMINARY ESTIMATES PROVIDED BY THE GOVERNOR'S OFFICE OF BUDGET AND ADMINISTRATION.

TABLE A-3
POPULATION FOR SELECTED CITIES: PENNSYLVANIA, 1970, 1978

CITY	1978 ESTIMATED POPULATION	1970 ENUMERATED POPULATION	CITY	1978 ESTIMATED POPULATION	1970 ENUMERATED POPULATION
PITTSBURGH	432,300	520,117	NEW CASTLE	35,100	38,559
MCKEESPORT	31,700	37,977	LEBANON	28,300	28,572
READING	77,500	87,643	ALLENTOWN	101,100	109,527
ALTOONA	56,000	62,900	BETHLEHEM	72,200	72,686
JOHNSTOWN	38,000	42,476	WILKES-BARRE	54,000	58,856
STATE COLLEGE	39,000	33,778	HAZLETON	28,300	30,426
HARRISBURG	54,300	68,061	WILLIAMSPORT	33,700	37,918
CHESTER	44,200	56,331	NORRISTOWN	34,400	38,169
ERIE	121,100	129,231	EASTON	28,300	30,256
SCRANTON	90,500	103,564	YORK	46,100	50,335
LANCASTER	56,700	57,690			

SOURCE: 1970 POPULATION ENUMERATED BY BUREAU OF CENSUS AND 1978 PRELIMINARY ESTIMATES PROVIDED BY THE GOVERNOR'S OFFICE OF BUDGET AND ADMINISTRATION.

TABLE A-4
POPULATION FOR HEALTH SERVICE AREAS: PENNSYLVANIA 1970 and 1979

HEALTH SERVICE AREA	1979 ESTIMATED POPULATION	1970 ENUMERATED POPULATION
ALL AREAS	11,730,500	11,793,909
HSA I SOUTHEAST PA	3,729,200	3,865,810
HSA II EASTERN PA	911,200	862,049
HSA III NORTHEAST PA	799,400	796,978
HSA IV S. CENTRAL PA	1,358,700	1,260,357
HSA V CENTRAL PA	726,700	698,953
HSA VI SOUTHWEST PA	2,867,600	2,982,358
HSA VII NORTHWEST PA	743,300	738,722
HSA VIII NY-PENN	101,600	98,267
HSA IX KEYSTONE	492,800	490,415

SOURCE: 1970 POPULATION ENUMERATED BY BUREAU OF CENSUS AND 1979 PRELIMINARY ESTIMATES PROVIDED BY THE GOVERNOR'S OFFICE OF BUDGET AND ADMINISTRATION.

NATALITY STATISTICS

1979 NATALITY STATISTICS

****
HIGHLIGHTS
****

The State

- There were 157,533 resident live births in 1979, an increase of four percent over 1978. The live birth rate per 1,000 population rose to 13.4--the highest rate recorded in Pennsylvania since 1972.

- Two-thirds of all live births in 1979 occurred to women aged 20-29. The rate of live births per 1,000 female population under 25 years remained stable relative to 1978. The increased birth rate was mainly attributable to women aged 25-34.

- Fifty-one percent of the live births were male and 49 percent were female. Nearly 87 percent of the live births were white and 13 percent were nonwhite, compared to 86 and 14 percent, respectively, in 1978.

- Of the mothers for whom trimester of first prenatal visit was known in 1979, nearly 80 percent received care during the first trimester of pregnancy. Less than one-half of one percent received no care at all. Only 56 percent of the teenage mothers received care in the first trimester, compared to 83 percent of mothers 20 years and over.

- Seven percent of 1979 resident live births were classified as low birth weight--2,500 grams or under. Infants of teenage mothers (10.5 percent) and mothers 40 and over (9.4 percent) were more likely to be low birth weight than infants born to mothers 20-39 (6.4 percent). Similarly, 13.4 percent of nonwhite births were 2500 grams and under compared to 5.9 percent of white births. Female births were only slightly more likely than male births to be low birth weight.

- In 1979, 43 percent of the resident live births were first-born children, compared to 42 percent in 1978 and 37 percent in 1970. Less than 10 percent in 1979 were birth order four or above.

- Over 17 percent of the births in 1979 were to unmarried mothers. The percentage varied considerably among age groups with nearly 50 percent of teenage mothers unmarried compared to less than 12 percent of mothers 20 years and older.

- Nearly 20 percent of the mothers delivering live births in 1978 had less than a twelfth grade education, compared with 13.4 percent with 16 years or more of education.

- The attendant at birth was most often a physician--in 98 percent of the births. Less than two percent of live births were attended by a midwife. Nearly 99 percent of resident live births were hospital deliveries.

- Spontaneous vaginal deliveries accounted for nearly 65 percent of the live births. An additional 17.4 percent of the deliveries involved forceps and 14.8 percent in 1979 were Caesarean sections.

- The percentage of nonwhite births with Apgar scores of 0-5 at one minute was 7.9 compared to 4.0 percent for white births. At five minutes, 90.7 percent of white births and 85.1 percent of nonwhite births had an Apgar score of 9-10. Differences between male and females were very slight with males tending to have somewhat lower scores than females.

- Over 25 percent of the birth certificates for nonwhite births reported complications of pregnancy, compared to 13.4 percent for whites. The incidence of concurrent illnesses or conditions was 6.9 percent for nonwhites and 1.9 percent for whites. Racial differences were not pronounced for the other medical conditions reported on certificates: complications of labor or delivery (15.1 percent of live births), birth injury (0.3 percent), and congenital anomalies (1.0 percent).

Health Service Areas

- Among the nine Health Service Areas, the birth rate per 1,000 population varied from 11.9 in Northeast Pennsylvania to 15.3 in the NY-PENN Area. The percentage of white births ranged from 69.8 in Southeast Pennsylvania to 96.6 in Northeast Pennsylvania.

- The percentage of low birth weight (2500 grams and under) live births was highest in Southeast Pennsylvania (8.3) and lowest in Southcentral Pennsylvania (5.8) and the Keystone Area (5.9).

- There was little difference among the Health Service Areas in regard to birth order. The range was 44.6 percent first births in Eastern Pennsylvania to 40.0 in the NY-PENN Area.

- The percentage of teenage mothers was highest in the NY-PENN Area

(16.5) and lowest in the Southwest Area (12.1).

- Southeast Pennsylvania had the highest percentage of unmarried mothers (27.1)--nearly twice that of the next highest Area--Southwest Pennsylvania with 14.8 percent. Northeast Pennsylvania was the lowest with 9.6 percent unmarried.
- The percentage of mothers with less than 12 years education was highest in Southcentral Pennsylvania (24.7) and lowest in Southwest Pennsylvania (14.4). Nearly 15 percent of the mothers in Southwest Pennsylvania had 16 years or more education, compared to less than 10 percent in the NI-PENN and Keystone Areas.

Counties

- Five counties accounted for nearly 85 percent of the nonwhite births: Allegheny, Chester, Dauphin, Delaware, and Philadelphia.
- Lancaster County, which was the residence for 3.6 percent of the mothers having live births in Pennsylvania in 1979 represented 32.9 percent of the women who delivered outside of a hospital.
- Nearly 16 percent of the births in Philadelphia were to unmarried teenagers; the next highest county was Dauphin with 10 percent.
- Lancaster County had the highest proportion of mothers with an eighth grade education or less--16.4 percent compared with 2.6 percent for the State. Montgomery County led the counties in highest percentage with 16 years or more education (26.0 percent).

Cities

- Of the 21 cities examined, Harrisburg and Chester had the highest birth rates--21.6 and 21.2 per 1,000 population. State College had the lowest birth rate--4.9.*
- Nonwhite births exceeded white births in two of the cities--Harrisburg (50.5 percent nonwhite) and Chester (71.8 percent nonwhite).
- Among the 21 cities, New Castle has the highest proportion of low birth weight infants (12.2 percent) followed by Chester with 11.3 percent. In 1978, Chester was the highest with 10.2 percent and York, the next highest, with 9.9 percent.
- Over one-fourth of the births were to teenage mothers in Harrisburg, Chester, and York. The same three cities had the highest percentage of unmarried mothers--47.7 percent in Harrisburg, 60.6 percent in Chester, and 37.9 percent in York.

TABLE B-1
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, NUMBER AND RATE: PENNSYLVANIA, 1979, 1975, 1970, 1965, 1960

AGE OF MOTHER	1979		1975		1970		1965		1960	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES*	157,533	46.1	148,942	43.3	192,154	57.1	204,105	62.7	241,099	75.8
UNDER 15**	389	0.8	412	0.8	443	0.8	317	0.6	256	0.5
15-19	21,881	40.0	24,701	43.6	28,592	53.2	26,308	54.4	26,772	65.7
20-24***	52,439	99.2	50,414	95.0	71,365	156.1	69,644	173.9	75,865	230.2
25-29	51,630	113.4	47,304	104.8	54,250	149.6	52,983	165.2	64,935	194.5
30-34	24,302	61.2	18,881	52.8	23,913	75.7	31,964	98.3	44,241	111.4
35-39	5,882	16.8	5,615	18.7	10,526	32.3	17,741	46.0	23,120	54.1
40-44	962	2.9	1,334	4.2	2,878	7.5	4,884	11.8	5,612	13.7
45 & OVER****	48	0.1	81	0.2	167	0.5	264	0.7	298	0.8

* RATE PER 1,000 FEMALE POPULATION AGED 10-49 YEARS.
** RATE PER 1,000 FEMALE POPULATION AGED 10-14 YEARS.
*** BIRTHS WITH UNKNOWN MOTHER'S AGE ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.
****RATE PER 1,000 FEMALE POPULATION AGED 45-59 YEARS.

Figure B-1 Birth Rates by Age of Mother: Pennsylvania, 1979

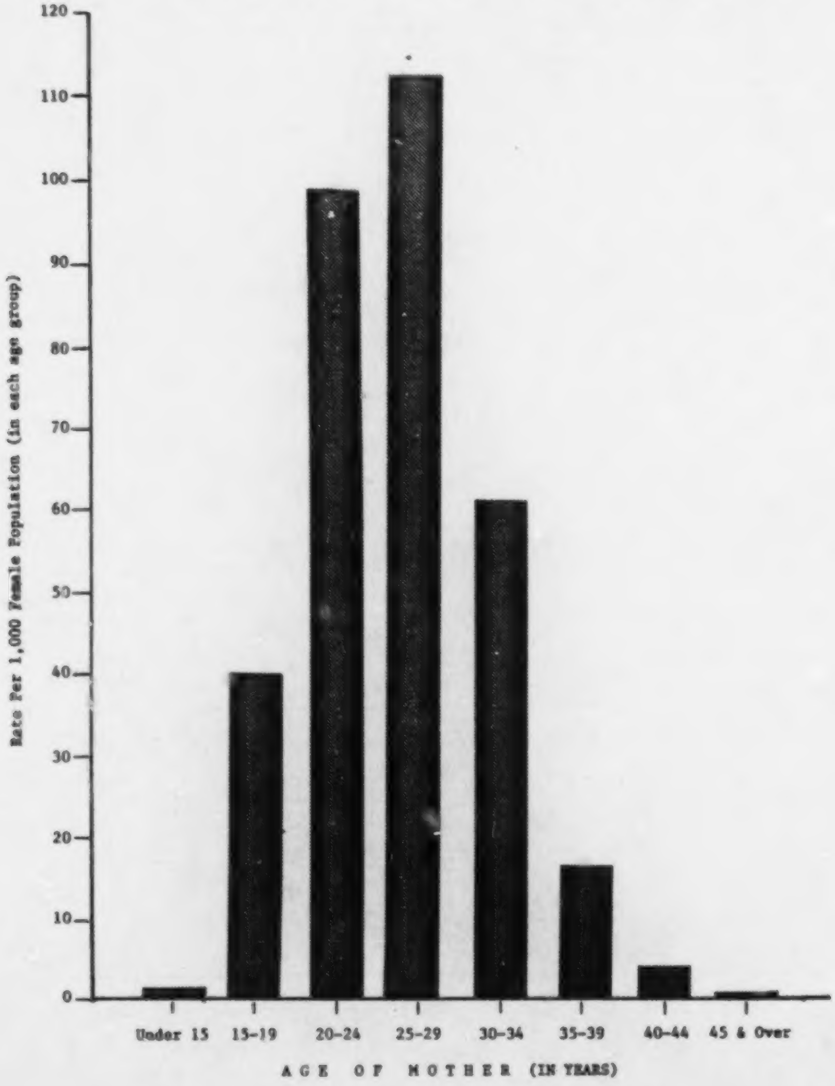


TABLE B-2
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND SEX AND RACE OF CHILD: PENNSYLVANIA, 1979

AGE OF MOTHER	TOTAL BIRTHS****	RATE	WHITE			NON-WHITE		
			TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES*	157,533	100.0	135,509	69,388	66,121	22,024	11,229	10,795
UNDER 15**	389	0.8	163	95	68	226	125	101
15-19	21,881	40.0	16,307	8,363	7,944	5,574	2,781	2,793
20-24	52,407	99.1	44,491	22,879	21,612	7,913	4,124	3,789
25-29	51,630	113.4	46,457	23,580	22,877	5,168	2,601	2,567
30-34	24,302	61.2	21,903	11,250	10,653	2,399	1,224	1,175
35-39	5,882	16.6	5,264	2,716	2,548	618	308	310
40-44	962	2.9	857	471	386	105	56	49
45 AND OVER***	48	0.1	41	17	24	7	3	4
UNKNOWN	32		19	10	9	13	6	7

*RATE PER 1,000 FEMALE POPULATION AGED 10-49 YEARS.
**RATE PER 1,000 FEMALE POPULATION AGED 10-24 YEARS.
***RATE PER 1,000 FEMALE POPULATION AGED 45-59 YEARS.
****TOTAL BIRTHS INCLUDE UNKNOWN RACE OF CHILD.

TABLE B-3
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TRIMESTER OF FIRST PRENATAL VISIT, NUMBER AND PERCENT*: PENNSYLVANIA, 1979

AGE OF MOTHER	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	%
		FIRST	%	SECOND	%	THIRD	%	UNKNOWN	%		
ALL AGES	157,533	117,089	74.3	24,454	15.5	4,493	2.9	10,920	6.9	577	0.4
UNDER 15	389	108	27.8	139	35.7	63	16.2	68	17.5	11	2.8
15-19	21,881	11,604	53.0	6,584	30.1	1,380	6.3	2,141	9.8	172	0.8
20-24	52,407	38,021	72.5	8,844	16.9	1,588	3.0	3,760	7.2	194	0.4
25-29	51,630	42,335	82.0	5,372	10.4	842	1.6	2,970	5.8	111	0.2
30-34	24,302	19,878	81.8	2,497	10.3	402	1.7	1,475	6.1	50	0.2
35-39	5,882	4,477	76.1	812	13.8	150	2.6	417	7.1	26	0.4
40-44	962	630	65.5	191	19.9	62	6.4	70	7.3	9	0.9
45 & OVER	48	25	52.1	12	25.0	3	6.3	4	8.3	4	8.3
UNKNOWN	32	11	34.4	3	9.4	3	9.4	15	46.9	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-4
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND SEX AND RACE OF CHILD: PENNSYLVANIA, 1979

BIRTH WEIGHT (IN GRAMS)	TOTAL BIRTHS*	TOTAL WHITE BIRTHS	WHITE		TOTAL NONWHITE BIRTHS	NONWHITE	
			MALE	FEMALE		MALE	FEMALE
ALL WEIGHTS	157,533	135,509	69,388	66,121	22,024	11,229	10,795
2500 GRAMS AND UNDER	11,007	8,039	3,842	4,197	2,942	1,380	1,562
2501 - 3500 GRAMS	84,596	70,681	32,541	38,140	13,915	6,744	7,171
3501 - 4500 GRAMS	58,858	53,916	31,075	22,841	4,942	2,955	1,987
4501 GRAMS AND OVER	2,777	2,626	1,800	826	149	103	46

*TOTAL BIRTHS INCLUDES UNKNOWNS FOR BOTH RACE AND BIRTH WEIGHT.

TABLE B-5
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND WEIGHT AT BIRTH, NUMBER AND PERCENT*: PENNSYLVANIA, 1979

AGE OF MOTHER	TOTAL BIRTHS**	WEIGHT AT BIRTH IN GRAMS							
		2500 GRAMS AND UNDER	%	2501-3500 GRAMS	%	3501-4500 GRAMS	%	4501 GRAMS AND OVER	%
ALL AGES	157,533	11,007	7.0	84,596	53.7	58,858	37.4	2,777	1.8
UNDER 15	389	66	17.0	242	62.2	75	19.3	1	0.3
15-19	21,881	2,252	10.3	13,025	59.5	6,299	28.8	215	1.0
20-24	52,407	3,690	7.0	29,251	55.8	18,653	35.6	726	1.4
25-29	51,630	3,021	5.9	26,892	52.1	20,650	40.0	972	1.9
30-34	24,302	1,445	5.9	11,901	49.0	10,251	42.2	656	2.7
35-39	5,882	406	6.9	2,816	47.9	2,471	42.0	170	2.9
40-44	962	89	9.3	424	44.1	413	42.9	32	3.3
45 & OVER	48	6	12.5	24	50.0	16	33.3	2	4.2
UNKNOWN	32	2	6.2	16	50.0	12	37.5	1	3.1

* PERCENT OF LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.
**TOTAL BIRTHS INCLUDE UNKNOWN BIRTH WEIGHT.

TABLE B-6
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND BIRTH ORDER
NUMBER AND PERCENT*: PENNSYLVANIA, 1979

AGE OF MOTHER	TOTAL BIRTHS**	BIRTH ORDER									
		ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
ALL AGES	157,533	67,946	43.1	50,039	31.8	22,700	14.4	8,037	5.1	5,502	3.5
UNDER 15	389	375	96.4	12	3.1	0	-	0	-	0	-
15-19	21,881	17,380	79.4	3,595	16.4	529	2.4	62	0.3	14	0.1
20-24	52,407	26,504	50.6	17,718	33.8	5,550	10.6	1,281	2.4	324	0.6
25-29	51,630	17,988	34.8	19,274	37.3	9,127	17.7	2,832	5.5	1,274	2.5
30-34	24,302	4,860	20.0	8,145	33.5	6,030	24.8	2,734	11.3	1,922	7.9
35-39	5,882	733	12.5	1,181	20.1	1,339	22.8	987	16.8	1,450	24.7
40-44	962	91	9.5	103	10.7	120	12.5	134	13.9	483	50.2
45 & OVER	48	4	8.3	7	14.6	3	6.3	3	6.3	31	64.6
UNKNOWN	32	11	34.4	4	12.5	2	6.3	4	12.5	4	12.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.
**TOTAL BIRTHS INCLUDE UNKNOWN BIRTH ORDER.

TABLE B-7
RESIDENT LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER,
NUMBER AND PERCENT*: PENNSYLVANIA, 1979

AGE OF MOTHER	TOTAL BIRTHS**	MARRIED		UNMARRIED	
		NUMBER	%	NUMBER	%
ALL AGES	157,533	130,217	82.7	27,223	17.3
UNDER 15	389	31	8.0	358	92.0
15-19	21,881	11,113	50.8	10,750	49.1
20-24	52,407	42,242	80.6	10,131	19.3
25-29	51,630	47,694	92.4	3,922	7.6
30-34	24,302	22,805	93.8	1,478	6.1
35-39	5,882	5,418	92.1	459	7.8
40-44	962	855	88.9	107	11.1
45 & OVER	48	42	87.5	6	12.5
UNKNOWN	32	17	53.1	12	37.5

* PERCENT OF TOTAL LIVE BIRTHS FOR SPECIFIED AGE GROUP.
**TOTAL BIRTHS INCLUDE UNKNOWN MARITAL STATUS OF MOTHER.

TABLE B-8
RESIDENT LIVE BIRTHS BY AGE AND EDUCATION OF MOTHER
NUMBER AND PERCENT*: PENNSYLVANIA, 1979

AGE OF MOTHER	TOTAL BIRTHS**	YEARS OF EDUCATION									
		0-8	%	9-11	%	12	%	13-15	%	16+	%
ALL AGES	157,533	4,480	2.8	26,227	16.6	82,200	52.2	22,055	14.0	21,082	13.4
UNDER 15	389	217	55.8	149	38.3	8	2.1	0	-	0	-
15-19	21,881	915	4.2	11,273	51.5	8,809	40.3	535	2.4	10	0.0
20-24	52,407	1,244	2.4	8,873	16.9	32,830	62.6	6,986	13.3	1,998	3.8
25-29	51,630	994	1.9	3,565	6.9	26,347	51.0	9,531	18.5	10,826	21.0
30-34	24,302	653	2.7	1,595	6.6	10,920	44.9	4,058	16.7	6,884	28.3
35-39	5,882	328	5.6	596	10.1	2,813	47.8	836	14.2	1,239	21.1
40-44	962	118	12.3	162	16.8	448	46.6	101	10.5	119	12.4
45+	48	6	12.5	11	22.9	21	43.8	5	10.4	4	8.3
UNKNOWN	32	5	15.6	3	9.4	4	12.5	3	9.4	2	6.3

*PERCENT OF TOTAL BIRTHS FOR EACH SPECIFIED AGE GROUP.
**TOTAL BIRTHS INCLUDE UNKNOWN EDUCATION OF MOTHER.

TABLE B-9
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND PLACE OF DELIVERY: PENNSYLVANIA, 1979

AGE OF MOTHER	TOTAL BIRTHS*	HOSPITAL				NON-HOSPITAL			
		DOCTOR	MIDWIFE	OTHER	UNKNOWN	DOCTOR	MIDWIFE	OTHER	UNKNOWN
ALL AGES	157,533	153,257	2,198	30	371	1,105	341	203	28
UNDER 15	389	377	9	0	1	2	0	0	0
15-19	21,881	21,221	492	6	58	77	13	14	0
20-24	52,407	51,035	769	6	106	315	111	56	7
25-29	51,630	50,352	601	10	115	340	136	65	6
30-34	24,302	23,643	255	6	75	217	54	43	9
35-39	5,882	5,653	65	1	14	102	22	21	4
40-44	962	905	6	0	2	40	5	4	0
45 & OVER	48	47	0	0	0	1	0	0	0
UNKNOWN	32	24	1	1	0	6	0	0	0

TABLE B-10
RESIDENT LIVE BIRTHS BY MEDICAL CONDITIONS AND SEX AND RACE OF CHILD, NUMBER AND PERCENT*: PENNSYLVANIA, 1979

SEX AND RACE OF CHILD	TOTAL BIRTHS**	TYPE OF MEDICAL CONDITION									
		COMPLICATIONS OF PREGNANCY	%	CONCURRENT ILLNESSES OR CONDITIONS	%	COMPLICATIONS OF LABOR OR DELIVERY	%	BIRTH INJURIES OF CHILD	%	CONGENITAL ANOMALIES	%
TOTAL	157,533	23,814	15.1	4,044	2.6	23,792	15.1	517	0.3	1,551	1.0
WHITE											
BOTH SEXES	135,509	18,177	13.4	2,614	1.9	19,890	14.7	453	0.3	1,327	1.0
MALE	69,338	9,782	14.1	1,342	1.9	10,558	15.2	272	0.4	801	1.2
FEMALE	66,121	8,395	12.1	1,272	1.8	9,332	13.4	181	0.3	526	0.8
NONWHITE											
BOTH SEXES	22,024	5,637	25.6	1,430	6.4	3,902	17.7	64	0.3	224	1.0
MALE	11,229	2,894	25.8	709	6.3	2,033	18.1	32	0.3	126	1.1
FEMALE	10,795	2,743	25.4	721	6.7	1,869	17.3	32	0.3	98	0.9

* PERCENT OF TOTAL LIVE BIRTHS FOR SPECIFIED AREA.
**TOTAL BIRTHS INCLUDE UNKNOWN BIRTH ORDER.

TABLE B-11
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY: PENNSYLVANIA, 1979

AGE OF MOTHER	TOTAL	METHOD OF DELIVERY						
		NORMAL DELIVERY	LOW FORCEPS	OTHER FORCEPS	BREECH DELIVERY	ELECTIVE CAESAREAN	OTHER AND UNSPECIFIED CAESAREAN	OTHER AND UNSPECIFIED METHOD
ALL AGES	157,533	102,198	24,375	3,020	1,387	14,232	9,141	3,180
UNDER 15	389	255	73	6	2	23	18	12
15-19	21,881	14,562	3,774	423	142	1,401	1,201	378
20-24	52,407	34,536	8,318	973	376	4,272	2,949	983
25-29	51,630	33,096	7,840	1,072	510	5,030	2,992	1,090
30-34	24,302	15,409	3,469	419	280	2,729	1,451	545
35-39	5,882	3,685	796	108	63	657	425	148
40-44	962	607	98	19	10	108	100	20
45 AND OVER	48	27	5	0	2	10	3	1
UNKNOWN	32	21	2	0	2	2	2	3

TABLE B-12a
RESIDENT LIVE BIRTHS BY APGAR SCORE, ONE AND FIVE MINUTES BY RACE, NUMBER AND PERCENT*: PENNSYLVANIA, 1979

APGAR SCORE	ONE MINUTE						FIVE MINUTES					
	TOTAL BIRTHS**	%	WHITE	%	NON-WHITE	%	TOTAL BIRTHS**	%	WHITE	%	NON-WHITE	%
TOTAL	157,533	100.0	135,509	86.0	22,024	14.0	157,533	100.0	135,509	86.0	22,024	14.0
0 - 5	7,100	4.5	5,392	3.4	1,708	1.1	1,855	1.2	1,368	0.9	487	0.3
6	4,963	3.2	4,042	2.6	921	0.6	923	0.6	683	0.4	240	0.2
7	13,032	8.3	10,955	7.0	2,077	1.3	2,093	1.3	1,632	1.0	461	0.3
8	47,192	30.0	40,677	25.8	6,515	4.1	8,777	5.6	7,140	4.5	1,637	1.0
9	70,579	44.8	61,234	38.9	9,345	5.9	68,665	43.6	55,855	35.5	12,810	8.1
10	11,669	7.4	11,108	7.1	561	0.4	73,038	46.4	67,095	42.6	5,943	3.8
UNKNOWN	2,998	1.9	2,101	1.3	897	0.6	2,182	1.4	1,736	1.1	446	0.3

*PERCENT OF TOTAL BIRTHS.
**TOTAL BIRTHS INCLUDE UNKNOWN RACE.

TABLE B-12b
RESIDENT LIVE BIRTHS BY APGAR SCORE, ONE AND FIVE MINUTES BY SEX, NUMBER AND PERCENT*: PENNSYLVANIA, 1979

APGAR SCORE	ONE MINUTE						FIVE MINUTES					
	TOTAL BIRTHS**	%	MALE	%	FEMALE	%	TOTAL BIRTHS**	%	MALE	%	FEMALE	%
TOTAL	157,533	100.0	80,609	51.0	76,916	48.8	157,533	100.0	80,609	51.2	76,916	48.8
0 - 5	7,100	4.5	3,932	2.5	3,161	2.0	1,855	1.2	1,012	0.6	836	0.5
6	4,963	3.2	2,708	1.7	2,255	1.4	923	0.6	527	0.3	396	0.3
7	13,032	8.3	6,796	4.3	6,236	4.0	2,093	1.3	1,158	0.7	935	0.6
8	47,192	30.0	24,041	15.3	23,151	14.7	8,777	5.6	4,656	3.0	4,121	2.6
9	70,579	44.8	35,719	22.7	34,860	22.1	68,665	43.6	35,198	22.3	33,467	21.2
10	11,669	7.4	5,917	3.8	5,751	3.7	73,038	46.4	36,967	23.5	36,070	22.9
UNKNOWN	2,998	1.9	1,496	0.9	1,502	1.0	2,182	1.4	1,091	0.7	1,091	0.7

*PERCENT OF TOTAL BIRTHS.
**TOTAL BIRTHS INCLUDE UNKNOWN SEX.

TABLE B-13
RESIDENT LIVE BIRTHS BY AGE OF MOTHER FOR HEALTH SERVICE AREAS: PENNSYLVANIA, 1979

HEALTH SERVICE AREA	TOTAL BIRTHS*	AGE OF MOTHER (IN YEARS)								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
ALL AREAS	157,533	389	21,881	52,407	51,630	24,302	5,882	962	48	32
HSA I SOUTHEAST PA	50,781	188	7,439	16,080	16,221	8,516	2,002	302	10	23
HSA II EASTERN PA	11,663	28	1,519	3,848	3,929	1,846	431	54	7	1
HSA III NORTHEAST PA	9,552	9	1,204	3,024	3,183	1,551	484	86	11	0
HSA IV S. CENTRAL PA	19,614	43	2,735	6,779	6,536	2,738	652	125	2	4
HSA V CENTRAL PA	10,201	16	1,662	3,792	3,070	1,253	340	62	6	0
HSA VI SOUTHWEST PA	36,140	68	4,293	11,813	12,579	5,870	1,300	207	7	3
HSA VII NORTHWEST PA	11,203	24	1,655	3,983	3,605	1,473	393	66	3	1
HSA VIII NY-PENN	1,552	5	282	572	440	207	39	7	0	0
HSA IX KEYSTONE	6,827	8	1,092	2,516	2,067	848	241	53	2	0

* TOTAL BIRTHS INCLUDE UNKNOWN MOTHER'S AGE.

TABLE B-14
RESIDENT LIVE BIRTHS BY SEX AND RACE FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979

HEALTH SERVICE AREA	TOTAL BIRTHS*	RATE**	WHITE			NON-WHITE		
			TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AREAS	157,533	13.4	135,509	69,388	66,121	22,024	11,229	10,795
HSA I SOUTHEAST PA	50,781	13.6	35,441	17,983	17,458	15,340	7,791	7,549
HSA II EASTERN PA	11,663	12.8	11,103	5,624	5,479	560	281	279
HSA III NORTHEAST PA	9,552	11.9	9,421	4,794	4,627	131	66	65
HSA IV S. CENTRAL PA	19,614	14.4	18,219	9,426	8,793	1,395	717	678
HSA V CENTRAL PA	10,201	14.0	10,044	5,175	4,869	157	76	81
HSA VI SOUTHWEST	36,140	12.6	32,442	16,644	15,798	3,698	1,906	1,792
HSA VII NORTHWEST	11,203	15.1	10,627	5,521	5,106	576	299	277
HSA VIII NY-PENN	1,552	15.3	1,543	799	744	9	4	5
HSA IX KEYSTONE	6,827	13.9	6,669	3,422	3,247	158	89	69

* TOTAL BIRTHS INCLUDE UNKNOWN SEX AND/OR RACE.
**RATE PER 1,000 ESTIMATED MIDYEAR 1979 POPULATION FOR EACH SPECIFIED AREA.

TABLE B-15
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT FOR HEALTH SERVICE AREAS
NUMBER AND PERCENT*: PENNSYLVANIA, 1979

HEALTH SERVICE AREA	TOTAL BIRTHS**	WEIGHT AT BIRTH IN GRAMS							
		2500 GRAMS & UNDER	%	2501-3500 GRAMS	%	3501-4500 GRAMS	%	4501 GRAMS & OVER	%
ALL AREAS	157,533	11,007	7.0	84,596	53.7	58,858	37.4	2,777	1.8
HSA I SOUTHEAST PA	50,781	4,200	8.3	28,047	55.2	17,593	34.6	822	1.6
HSA II EASTERN PA	11,663	733	6.3	6,177	53.0	4,526	38.8	208	1.8
HSA III NORTHEAST PA	9,552	603	6.3	5,088	53.3	3,656	38.3	178	1.9
HSA IV S. CENTRAL PA	19,614	1,135	5.8	10,273	52.4	7,763	39.6	410	2.1
HSA V CENTRAL PA	10,201	631	6.2	5,409	53.0	3,951	38.7	202	2.0
HSA VI SOUTHWEST PA	36,140	2,480	6.9	19,394	53.7	13,622	37.7	595	1.6
HSA VII NORTHWEST PA	11,203	723	6.5	5,786	51.6	4,457	39.8	215	1.9
HSA VIII NY-PENN	1,552	100	6.4	762	49.1	647	41.7	32	2.1
HSA IX KEYSTONE	6,827	402	5.9	3,660	53.6	2,643	38.7	115	1.7

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.
**TOTAL BIRTHS INCLUDE UNKNOWN BIRTH WEIGHT.

TABLE B-16
RESIDENT LIVE BIRTHS BY BIRTH ORDER FOR HEALTH SERVICE AREAS,
NUMBER AND PERCENT*: PENNSYLVANIA, 1979

HEALTH SERVICE AREA	TOTAL BIRTHS**	BIRTH ORDER									
		ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
ALL AREAS	157,533	67,946	43.1	50,039	31.8	22,700	14.4	8,037	5.1	5,502	3.5
HSA I SOUTHEAST PA	50,781	21,998	43.3	15,224	30.0	7,400	14.6	2,767	5.4	1,848	3.6
HSA II EASTERN PA	11,663	5,225	44.8	3,878	33.3	1,611	13.8	512	4.4	296	2.5
HSA III NORTHEAST PA	9,552	3,962	41.5	3,007	31.5	1,485	15.5	583	6.1	455	4.8
HSA IV S. CENTRAL PA	19,614	8,422	42.9	6,289	32.1	2,676	13.6	997	5.1	866	4.4
HSA V CENTRAL PA	10,201	4,343	42.6	3,374	33.1	1,487	14.6	502	4.9	346	3.4
HSA VI SOUTHWEST PA	36,140	15,998	44.3	11,937	33.0	5,050	14.0	1,535	4.2	936	2.6
HSA VII NORTHWEST PA	11,203	4,588	41.0	3,651	32.6	1,683	15.0	659	5.9	455	4.1
HSA VIII NY-PENN	1,552	621	40.0	501	32.3	250	16.1	94	6.1	52	3.4
HSA IX KEYSTONE	6,827	2,789	40.9	2,178	31.9	1,058	15.5	388	5.7	248	3.6

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.
**TOTAL BIRTHS INCLUDE UNKNOWN BIRTH ORDER.

TABLE B-17
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER FOR HEALTH SERVICE AREAS, NUMBER AND PERCENT*: PENNSYLVANIA, 1979

HEALTH SERVICE AREA	TOTAL BIRTHS**	YEARS OF EDUCATION									
		0-8	%	9-11	%	12	%	13-15	%	16+	%
ALL AREAS	157,533	4,480	2.8	26,227	16.6	82,200	52.2	22,055	14.0	21,082	13.4
HSA I SOUTHEAST PA	50,781	1,072	2.1	9,096	17.9	24,917	49.1	7,239	14.3	7,388	14.5
HSA II EASTERN PA	11,663	375	3.2	1,967	16.9	5,820	49.9	1,785	15.3	1,676	14.4
HSA III NORTHEAST PA	9,552	173	1.8	1,566	16.4	5,220	54.6	1,467	15.4	1,120	11.7
HSA IV S. CENTRAL PA	19,614	1,346	6.9	3,482	17.8	9,731	49.6	2,479	12.6	2,443	12.5
HSA V CENTRAL PA	10,201	387	3.8	1,897	18.6	5,366	52.6	1,322	13.0	1,199	11.8
HSA VI SOUTHWEST PA	36,140	641	1.8	4,909	13.6	19,993	55.3	5,233	14.5	5,266	14.6
HSA VII NORTHWEST PA	11,203	330	2.9	1,899	17.0	6,213	55.5	1,429	12.8	1,299	11.6
HSA VIII NY-PENN	1,552	35	2.3	338	21.8	806	51.9	220	14.2	139	9.0
HSA IX KEYSTONE	6,827	121	1.8	1,073	15.7	4,134	60.6	881	12.9	552	8.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.
**TOTAL BIRTHS INCLUDE UNKNOWN MOTHER'S EDUCATION.

TABLE B-18
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER FOR HEALTH SERVICE AREAS NUMBER AND PERCENT*: PENNSYLVANIA, 1979

HEALTH SERVICE AREA	TOTAL BIRTHS**	MARRIED						UNMARRIED					
				AGE OF MOTHER (IN YEARS)						AGE OF MOTHER (IN YEARS)			
		NUMBER***	%	19 & UNDER	%	OVER 19	%	NUMBER***	%	19 & UNDER	%	OVER 19	%
ALL AREAS	157,533	130,217	82.7	11,144	7.1	119,056	75.6	27,226	17.3	11,109	7.1	16,103	10.2
HSA I SOUTHEAST PA	50,781	36,978	72.8	2,343	4.6	34,624	68.2	13,764	27.1	5,279	10.4	8,474	16.7
HSA II EASTERN PA	11,663	10,029	86.0	845	7.2	9,184	78.7	1,630	14.0	702	6.0	927	7.9
HSA III NORTHEAST PA	9,552	8,615	90.2	832	8.7	7,783	81.5	935	9.8	381	4.0	554	5.8
HSA IV S. CENTRAL PA	19,614	16,921	86.3	1,591	8.1	15,326	78.1	2,682	13.7	1,185	6.0	1,497	7.6
HSA V CENTRAL PA	10,201	9,157	89.8	1,177	11.5	7,980	7.8	1,042	10.2	500	4.9	542	5.3
HSA VI SOUTHWEST PA	36,140	31,464	87.1	2,437	6.7	29,026	80.3	4,659	12.9	1,919	5.3	2,738	7.6
HSA VII NORTHWEST PA	11,203	9,606	85.7	971	8.7	8,634	77.1	1,589	14.2	704	6.3	885	7.9
HSA VIII NY-PENN	1,552	1,340	86.3	186	12.0	1,154	74.4	208	13.4	101	6.5	107	6.9
HSA IX KEYSTONE	6,827	6,107	89.5	762	11.2	5,345	78.3	717	10.5	338	5.0	379	5.6

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COUNTY.
** TOTAL BIRTHS INCLUDE UNKNOWN AGE OF MOTHER AND UNKNOWN MARITAL STATUS.
***NUMBER INCLUDES UNKNOWN AGE OF MOTHER.

TABLE B-19
RESIDENT LIVE BIRTHS BY AGE OF MOTHER FOR COUNTIES: PENNSYLVANIA, 1979

COUNTY	TOTAL BIRTHS*	AGE OF MOTHER (IN YEARS)							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
ALL COUNTIES	157,533	389	21,881	52,407	51,630	24,302	5,882	962	48
ADAMS	952	1	173	325	310	114	25	4	0
ALLEGHENY	17,159	35	1,832	5,201	6,146	3,157	686	98	4
ARMSTRONG	1,056	2	187	419	293	125	23	7	0
BEAVER	2,722	8	324	980	946	870	80	14	0
BEDFORD	629	1	133	230	157	77	25	5	1
BERKS	4,077	14	548	1,379	1,357	622	130	24	2
BLAIR	1,846	2	299	669	551	249	63	13	0
BRADFORD	927	4	175	351	254	114	24	5	0
BUCKS	6,567	3	631	1,978	2,352	1,254	299	48	1
BUTLER	2,141	0	237	754	765	325	58	2	0
CAMBRIA	2,441	3	329	851	827	314	95	21	1
CAMERON	96	0	19	30	26	15	5	0	1
CARBON	638	1	100	243	186	78	26	4	0
CENTRE	1,278	0	174	415	422	204	54	8	1
CHESTER	4,159	9	452	1,154	1,421	898	202	21	1
CLARION	630	0	95	217	212	69	30	7	0
CLEARFIELD	1,218	3	209	469	352	146	34	5	0
CLINTON	551	1	119	208	150	59	12	1	1
COLUMBIA	764	0	120	290	237	89	23	5	0
CRAWFORD	1,312	1	182	490	424	152	49	14	0
CUMBERLAND	2,117	4	245	673	772	336	74	12	1
DAUPHIN	3,218	12	548	1,081	1,036	457	71	12	0
DELAWARE	7,199	11	761	2,112	2,588	1,351	319	54	1
ELK	595	0	83	224	184	80	20	4	0
ERIE	4,305	12	592	1,479	1,422	619	160	20	1
FAYETTE	2,291	8	424	756	716	282	85	19	1
FOREST	48	0	9	22	11	4	2	0	0
FRANKLIN	1,553	1	247	579	482	182	55	6	0
FULTON	178	1	45	68	41	17	6	0	0
GREENE	575	1	97	213	170	75	12	6	1
HUNTINGDON	578	1	113	224	160	61	16	3	0
INDIANA	1,351	3	172	510	433	173	46	13	1
JEFFERSON	778	1	128	306	221	89	24	8	1
JUNIATA	269	1	38	112	64	40	12	2	0
LACKAWANNA	2,690	3	281	839	951	460	135	19	2
LANCASTER	5,645	12	697	1,952	1,856	821	246	59	0
LAWRENCE	1,472	0	193	512	517	194	48	8	0
LEBANON	1,496	1	186	536	499	215	52	7	0
LEHIGH	3,397	5	426	1,109	1,140	577	123	16	1
LUZERNE	3,856	2	454	1,149	1,319	668	213	44	7
LYCOMING	1,845	3	273	687	609	196	67	10	0
MCKEAN	719	2	115	273	213	86	28	2	0
MERCER	1,676	6	235	600	553	216	53	11	1
MIFFLIN	625	3	95	245	180	80	17	4	1
MONROE	832	4	90	265	287	136	47	2	1
MONTGOMERY	7,473	5	590	1,977	2,834	1,661	361	44	1
MONTOUR	222	1	27	72	78	33	11	0	0
NORTHAMPTON	2,719	4	355	852	959	433	105	8	3
NORTHUMBERLAND	1,254	0	247	487	349	137	28	6	0
PERRY	603	0	84	242	187	70	16	4	0
PHILADELPHIA	25,383	160	5,005	8,859	7,026	3,352	821	135	6
PIKE	171	0	23	52	64	23	8	1	0
POTTER	278	0	65	118	58	25	11	1	0
SCHUYLKILL	1,921	2	327	661	578	253	82	16	2
SNYDER	444	0	74	176	119	49	19	6	1
SOMERSET	1,155	0	173	474	331	130	36	11	0
SULLIVAN	87	0	12	36	23	13	3	0	0
SUSQUEHANNA	538	1	95	185	163	80	12	2	0
TIOGA	552	2	86	205	164	73	20	2	0
UNION	401	1	72	120	125	58	19	5	1
VENANGO	925	1	162	307	316	120	16	3	0
WARREN	619	2	98	223	186	87	19	4	0
WASHINGTON	2,605	3	330	934	860	370	95	12	0
WAYNE	523	2	67	173	168	83	26	4	0
WESTMORELAND	4,768	8	497	1,534	1,733	799	167	28	2
WYOMING	391	0	52	150	103	64	20	2	0
YORK	4,030	12	555	1,391	1,394	543	113	21	1

*TOTAL BIRTHS INCLUDE UNKNOWN AGE OF MOTHER.

TABLE B-20
RESIDENT LIVE BIRTHS BY SEX AND RACE FOR COUNTIES, NUMBER AND RATE: PENNSYLVANIA, 1979

COUNTY	TOTAL BIRTHS*	RATE**	WHITE			NON-WHITE		
			TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL COUNTIES	157,533	13.4	135,509	69,388	66,121	22,024	11,229	10,795
ADAMS	952	14.9	930	463	467	22	13	9
ALLEGHENY	17,159	11.8	14,278	7,265	7,013	2,881	1,486	1,395
ARMSTRONG	1,056	14.0	1,042	528	514	14	7	7
BEAVER	2,722	13.2	2,459	1,223	1,236	263	113	150
BEDFORD	629	14.5	622	335	287	7	5	2
BERKS	4,077	13.3	3,855	1,946	1,909	222	102	120
BLAIR	1,846	13.7	1,817	907	910	29	15	14
BRADFORD	927	15.7	920	492	428	7	3	4
BUCKS	6,567	13.8	6,217	3,175	3,042	350	180	170
BUTLER	2,141	14.8	2,120	1,071	1,049	21	12	9
CAMBRIA	2,441	13.3	2,347	1,208	1,139	94	51	43
CAMERON	96	14.3	95	58	37	1	1	0
CARBON	638	12.3	634	332	302	4	0	4
CENTRE	1,278	11.9	1,230	616	614	48	24	24
CHESTER	4,159	13.6	3,694	1,895	1,799	465	240	225
CLARION	630	15.1	626	315	311	4	3	1
CLEARFIELD	1,218	15.3	1,209	654	555	9	3	6
CLINTON	551	14.7	547	272	275	4	3	1
COLUMBIA	764	12.8	758	410	348	6	3	3
CRAWFORD	1,312	15.5	1,289	673	616	23	14	9
CUMBERLAND	2,117	12.3	2,044	1,059	985	73	43	30
DAUPHIN	3,218	14.3	2,490	1,257	1,233	728	367	361
DELAWARE	7,199	12.6	6,123	3,072	3,051	1,076	531	545
ELK	595	16.0	591	312	279	4	2	2
ERIE	4,305	16.0	3,932	2,074	1,858	373	182	191
FAYETTE	2,291	14.6	2,177	1,133	1,044	114	73	41
FOREST	48	9.4	48	25	23	0	0	0
FRANKLIN	1,553	14.5	1,498	775	723	55	31	24
FULTON	178	15.3	175	91	84	3	2	1
GREENE	575	15.0	569	283	286	6	4	2
HUNTINGDON	578	14.5	558	299	259	20	14	6
INDIANA	1,351	15.2	1,337	663	674	14	8	6
JEFFERSON	778	16.2	774	390	384	4	2	2
JUNIATA	269	14.8	269	136	133	0	0	0
LACKAWANNA	2,690	11.7	2,631	1,315	1,316	59	32	27
LANCASTER	5,645	16.0	5,402	2,811	2,591	243	123	120
LAWRENCE	1,472	14.0	1,399	755	644	73	35	38
LEBANON	1,496	14.1	1,473	767	706	23	12	11
LEHIGH	3,397	12.8	3,239	1,667	1,572	158	82	76
LUZERNE	3,856	11.4	3,807	1,928	1,879	49	16	33
LYCOMING	1,845	16.1	1,785	931	854	60	28	32
MCKEAN	719	14.6	710	366	344	9	5	4
MERCER	1,676	13.3	1,531	770	761	145	83	62
MIFFLIN	625	14.3	623	334	289	2	1	1
MONROE	832	13.8	801	411	390	31	17	14
MONTGOMERY	7,473	11.9	6,846	3,514	3,332	627	326	301
MONTOUR	222	13.2	217	102	115	5	1	4
NORTHAMPTON	2,719	12.0	2,574	1,268	1,306	145	80	65
NORTHUMBERLAND	1,254	12.7	1,244	625	619	10	7	3
PERRY	603	17.4	600	324	276	3	1	2
PHILADELPHIA	25,383	14.5	12,561	6,327	6,234	12,822	6,514	6,308
PIKE	171	11.6	168	86	82	3	1	2
POTTER	278	16.5	278	150	128	0	0	0
SCHUYLKILL	1,921	12.2	1,903	1,009	894	18	16	2
SNYDER	444	14.4	443	234	209	1	0	1
SOMERSET	1,155	14.5	1,150	582	568	5	2	3
SULLIVAN	87	14.3	87	36	51	0	0	0
SUSQUEHANNA	538	14.7	536	271	265	2	1	1
TIOGA	552	13.9	548	265	283	4	2	2
UNION	401	12.7	397	206	191	4	2	2
VENANGO	925	15.1	915	471	444	10	5	5
WARREN	619	13.6	612	307	305	7	4	3
WASHINGTON	2,605	12.4	2,474	1,312	1,162	131	67	64
WAYNE	523	14.5	522	254	268	1	1	0
WESTMORELAND	4,768	12.4	4,587	2,411	2,176	181	101	80
WYOMING	291	16.9	390	202	188	1	0	1
YORK	4,030	13.7	3,782	1,970	1,812	248	127	121

* TOTAL BIRTHS INCLUDE UNKNOWN SEX AND/OR RACE.

**RATE PER 1,000 ESTIMATED MIDYEAR 1979 POPULATION FOR EACH COUNTY.

TABLE B-21
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT FOR COUNTIES, NUMBER AND PERCENT*: PENNSYLVANIA, 1979

COUNTY	TOTAL BIRTHS**	WEIGHT AT BIRTH IN GRAMS: 2500 GRAMS & UNDER	%	2501-3500 GRAMS	%	3501-4500 GRAMS	%	4501 GRAMS & OVER	%
ALL COUNTIES	157,533	11,007	7.0	84,596	53.7	58,858	37.4	2,777	1.8
ADAMS	952	44	4.6	502	52.7	392	41.2	13	1.4
ALLEGHENY	17,159	1,180	6.9	9,370	54.6	6,317	36.8	269	1.6
ARMSTRONG	1,056	71	6.7	554	52.5	413	39.1	16	1.5
BEAVER	2,722	198	7.3	1,486	54.6	991	36.4	42	1.5
BEDFORD	629	33	5.2	330	52.5	249	39.6	17	2.7
BERKS	4,077	285	7.0	2,123	52.1	1,595	39.1	72	1.8
BLAIR	1,846	92	5.0	963	52.2	755	40.9	33	1.8
BRADFORD	927	64	6.9	434	46.8	405	43.7	21	2.3
BUCKS	6,567	356	5.4	3,348	51.0	2,691	41.0	161	2.5
BUTLER	2,141	130	6.1	1,156	54.0	806	37.6	45	2.1
CAMBRIA	2,441	169	6.9	1,315	53.9	928	38.0	28	1.1
CAMERON	96	3	3.1	45	46.9	48	50.0	0	-
CARBON	638	39	6.1	336	52.7	247	38.7	13	2.0
CENTRE	1,278	79	6.2	649	50.8	533	41.7	16	1.3
CHESTER	4,159	222	5.3	2,138	51.4	1,710	41.1	83	2.0
CLARION	630	41	6.5	314	49.8	258	41.0	15	2.4
CLEARFIELD	1,218	67	5.5	608	49.9	507	41.6	36	3.0
CLINTON	551	35	6.4	285	51.7	221	40.1	10	1.8
COLUMBIA	764	43	5.6	412	53.9	292	38.2	17	2.2
CRAWFORD	1,312	85	6.5	626	47.7	569	43.4	31	2.4
CUMBERLAND	2,117	112	5.3	1,064	50.3	894	42.2	45	2.1
DAUPHIN	3,218	227	7.1	1,785	55.5	1,147	35.6	50	1.6
DELAWARE	7,199	453	6.3	3,829	53.2	2,779	38.6	127	1.8
ELK	595	39	6.6	322	54.1	229	38.5	4	0.7
ERIE	4,305	291	6.8	2,264	52.6	1,648	38.3	91	2.1
FAYETTE	2,291	197	8.6	1,187	51.8	862	37.6	43	1.9
FOREST	48	2	4.2	21	43.8	23	47.9	2	4.2
FRANKLIN	1,553	69	4.4	797	51.3	650	41.9	35	2.3
FULTON	178	6	3.4	94	52.8	72	40.4	6	3.4
GREENE	575	76	13.2	276	48.0	213	37.0	10	1.7
HUNTINGDON	578	30	5.2	322	55.7	212	36.7	13	2.2
INDIANA	1,351	70	5.2	694	51.4	559	41.4	24	1.8
JEFFERSON	778	56	7.2	412	53.0	297	38.2	13	1.7
JUNIATA	269	7	2.6	129	48.0	129	48.0	3	1.1
LACKAWANNA	2,690	179	6.7	1,443	53.6	1,013	37.7	48	1.8
LANCASTER	5,645	312	5.5	2,885	51.1	2,296	40.7	144	2.6
LAWRENCE	1,472	147	10.0	772	52.4	530	36.0	22	1.5
LEBANON	1,496	74	4.9	789	52.7	597	39.9	32	2.1
LEHIGH	3,397	191	5.6	1,827	53.8	1,307	38.5	63	1.9
LUZERNE	3,856	244	6.3	2,005	52.0	1,526	39.6	70	1.8
LYCOMING	1,845	114	6.2	1,023	55.4	671	36.4	37	2.0
MCKEAN	719	42	5.8	361	50.2	297	41.3	16	2.2
MERCER	1,676	141	8.4	882	52.6	627	37.4	25	1.5
MIFFLIN	625	40	6.4	341	54.6	224	35.8	19	3.0
MONROE	832	55	6.6	423	50.8	336	40.4	17	2.0
MONTGOMERY	7,473	417	5.6	3,835	51.3	3,074	41.1	138	1.8
MONTOUR	222	15	6.8	131	59.0	73	32.9	2	0.9
NORTHAMPTON	2,719	163	6.0	1,468	54.0	1,041	38.3	43	1.6
NORTHUMBERLAND	1,254	95	7.6	703	56.1	435	34.7	21	1.7
PERRY	603	42	7.0	320	53.1	228	37.8	13	2.2
PHILADELPHIA	25,383	2,752	10.8	14,897	58.7	7,339	28.9	313	1.2
PIKE	171	9	5.3	99	57.9	62	36.3	1	0.6
POTTER	278	14	5.0	146	52.5	110	39.6	7	2.5
SCHUYLKILL	1,921	111	5.8	1,083	56.4	686	35.7	36	1.9
SNYDER	444	26	5.9	240	54.1	169	38.1	8	1.8
SOMERSET	1,155	72	6.2	636	55.1	427	37.0	18	1.6
SULLIVAN	87	3	3.4	45	51.7	37	42.5	2	2.3
SUSQUEHANNA	538	33	6.1	283	52.6	205	38.1	9	1.7
TIOGA	552	35	6.3	272	49.3	229	41.5	14	2.5
UNION	401	19	4.7	204	50.9	171	42.6	6	1.5
VENANGO	925	39	4.2	482	52.1	390	42.2	13	1.4
WARREN	619	26	4.2	323	52.2	258	41.7	11	1.8
WASHINGTON	2,605	155	6.0	1,370	52.6	1,036	39.8	41	1.6
WAYNE	523	37	7.1	269	51.4	201	38.4	12	2.3
WESTMORELAND	4,768	256	5.4	2,529	53.0	1,895	39.7	83	1.7
WYOMING	391	23	5.9	189	48.3	168	43.0	11	2.8
YORK	4,030	255	6.3	2,131	52.9	1,559	38.7	78	1.9

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COUNTY.
**TOTAL BIRTHS INCLUDE UNKNOWN BIRTH WEIGHT.

TABLE B-22
RESIDENT LIVE BIRTHS BY BIRTH ORDER FOR COUNTIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1979

COUNTY	TOTAL BIRTHS**	BIRTH ORDER									
		ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
ALL AGES	157,533	67,946	43.1	50,039	31.8	22,700	14.4	8,037	5.1	5,502	3.5
ADAMS	952	411	43.2	238	25.0	109	11.4	45	4.7	28	2.9
ALLEGHENY	17,159	7,819	45.6	5,551	32.4	2,300	13.4	655	3.8	446	2.6
ARMSTRONG	1,056	496	47.0	330	31.3	134	12.7	48	4.5	20	1.9
BEAVER	2,722	1,200	44.1	877	32.2	421	15.5	105	3.9	64	2.4
BEDFORD	629	246	39.1	190	30.2	89	14.1	31	4.9	29	4.6
BERKS	4,077	1,796	44.1	1,389	34.1	559	13.7	180	4.4	111	2.7
BLAIR	1,846	766	41.6	609	33.0	281	15.2	103	5.6	62	3.4
BRADFORD	927	361	38.9	308	33.2	159	17.2	56	6.0	29	3.1
BUCKS	6,567	2,803	42.7	2,058	31.3	1,000	15.2	303	4.6	193	2.9
BUTLER	2,141	943	44.0	722	33.7	286	13.4	84	3.9	38	1.8
CAMBRIA	2,441	987	40.4	760	31.1	422	17.3	156	6.4	91	3.7
CAMERON	96	45	46.9	24	25.0	10	10.4	10	10.4	5	5.2
CARBON	638	289	45.3	205	32.1	95	14.9	26	4.1	16	2.5
CENTRE	1,278	611	47.8	405	31.7	164	12.8	49	3.8	34	2.7
CHESTER	4,159	1,746	42.0	1,320	31.7	633	15.2	216	5.2	126	3.0
CLARION	630	259	41.1	211	33.5	85	13.5	34	5.4	29	4.6
CLEARFIELD	1,218	469	38.5	431	35.4	207	17.0	69	5.7	30	2.5
CLINTON	551	243	44.1	157	28.5	64	11.6	23	4.2	17	3.1
COLUMBIA	764	348	45.5	239	31.3	121	15.8	32	4.2	20	2.6
CRAWFORD	1,312	539	41.1	411	31.3	188	14.3	68	5.2	71	5.4
CUMBERLAND	2,117	950	44.9	732	34.6	270	12.8	84	4.0	46	2.2
DAUPHIN	3,218	1,439	44.7	1,053	32.7	430	13.4	152	4.7	94	2.9
DELAWARE	7,199	3,171	44.0	2,217	30.8	1,035	14.4	329	4.6	247	3.4
ELK	595	245	41.2	159	26.7	89	15.0	43	7.2	18	3.0
ERIE	4,305	1,745	40.5	1,353	31.4	707	16.4	297	6.9	196	4.6
FAYETTE	2,291	958	41.8	750	32.7	358	15.6	120	5.2	93	4.1
FOREST	48	27	56.3	11	22.9	5	10.4	3	6.3	0	–
FRANKLIN	1,553	670	43.1	539	34.7	192	12.4	80	5.2	56	3.6
FULTON	178	75	42.1	66	37.1	23	12.9	9	5.1	3	1.7
GREENE	575	233	40.5	190	33.0	96	16.7	32	5.6	17	3.0
HUNTINGDON	578	213	36.9	199	34.4	82	14.2	25	4.3	16	2.8
INDIANA	1,351	578	42.8	421	31.2	204	15.1	81	6.0	53	3.9
JEFFERSON	778	332	42.7	264	33.9	114	14.7	41	5.3	25	3.2
JUNIATA	269	107	39.8	90	33.5	37	13.8	16	5.9	18	6.7
LACKAWANNA	2,690	1,127	41.9	847	31.5	422	15.7	151	5.6	133	4.9
LANCASTER	5,645	2,295	40.7	1,694	30.0	774	13.7	362	6.4	461	8.2
LAWRENCE	1,472	617	41.9	482	32.7	218	14.8	92	6.3	54	3.7
LEBANON	1,496	613	41.0	487	32.6	236	15.8	75	5.0	66	4.4
LEHIGH	3,397	1,562	46.0	1,112	32.7	436	12.8	143	4.2	76	2.2
LUZERNE	3,856	1,561	40.5	1,204	31.2	626	16.2	248	6.4	194	5.0
LYCOMING	1,845	806	43.7	597	32.4	254	13.8	99	5.4	73	4.0
MCKEAN	719	301	41.9	243	33.8	98	13.6	41	5.7	29	4.0
MERCER	1,676	704	42.0	634	37.8	202	12.1	71	4.2	49	2.9
MIFFLIN	625	230	36.8	221	35.4	99	15.8	33	5.3	28	4.5
MONROE	832	368	44.2	248	29.8	119	14.3	50	6.0	36	4.3
MONTGOMERY	7,473	3,343	44.7	2,333	31.2	1,021	13.7	340	4.5	181	2.4
MONTOUR	222	96	43.2	68	30.6	38	17.1	11	5.0	7	3.2
NORTHAMPTON	2,719	1,208	44.4	924	34.0	402	14.8	113	4.2	57	2.1
NORTHUMBERLAND	1,254	564	45.0	428	34.1	172	13.7	55	4.4	23	1.8
PERRY	603	264	43.8	187	31.0	90	14.9	26	4.3	20	3.3
PHILADELPHIA	25,383	10,935	43.1	7,296	28.7	3,711	14.6	1,579	6.2	1,101	4.3
PIKE	171	81	47.4	58	33.9	18	10.5	11	6.4	2	1.2
POTTER	278	105	37.8	93	33.5	40	14.4	24	8.6	14	5.0
SCHUYLKILL	1,921	845	44.0	612	31.9	273	14.2	107	5.6	75	3.9
SNYDER	444	161	36.3	159	35.8	64	14.4	26	5.9	26	5.9
SOMERSET	1,155	500	43.3	354	30.6	161	13.9	64	5.5	47	4.1
SULLIVAN	87	32	36.8	31	35.6	12	13.8	8	9.2	3	3.4
SUSQUEHANNA	538	228	42.4	162	30.1	79	14.7	30	5.6	20	3.7
TIOGA	552	205	37.1	187	33.9	90	16.3	38	6.9	19	3.4
UNION	401	171	42.6	128	31.9	63	15.7	10	2.5	26	6.5
VENANGO	925	376	40.6	322	34.8	142	15.4	38	4.1	16	1.7
WARREN	619	242	39.1	190	30.7	117	18.9	30	4.8	28	4.5
WASHINGTON	2,605	1,111	42.6	901	34.6	380	14.6	104	4.0	65	2.5
WAYNE	523	201	38.4	164	31.4	74	14.1	45	8.6	34	6.5
WESTMORELAND	4,768	2,043	42.8	1,713	35.9	653	13.7	214	4.5	86	1.8
WYOMING	391	147	37.6	122	31.2	72	18.4	21	5.4	17	4.3
YORK	4,030	1,780	44.2	1,359	33.7	575	14.3	173	4.3	95	2.4

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COUNTY.
**TOTAL BIRTHS INCLUDE UNKNOWN BIRTH ORDER.

TABLE B-23
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER FOR COUNTIES, NUMBER AND PERCENT*: PENNSYLVANIA, 1979

COUNTY	TOTAL BIRTHS**	YEARS OF EDUCATION									
		0-8	%	9-11	%	12	%	13-15	%	16+	%
ALL AGES	157,533	4,480	2.8	26,227	16.6	82,200	52.2	22,055	14.0	21,082	13.4
ADAMS	952	26	2.7	199	20.9	502	52.7	113	11.9	111	11.7
ALLEGHENY	17,159	220	1.3	2,103	12.3	9,259	54.0	2,574	15.0	2,949	17.2
ARMSTRONG	1,056	15	1.4	168	15.9	684	64.8	103	9.8	84	8.0
BEAVER	2,722	42	1.5	387	14.2	1,432	52.6	519	19.1	332	12.2
BEDFORD	629	17	2.7	121	19.2	376	59.8	61	9.7	50	7.9
BERKS	4,077	177	4.3	717	17.6	2,016	49.4	565	13.9	592	14.5
BLAIR	1,846	27	1.5	245	13.3	1,127	61.1	245	13.3	157	8.5
BRADFORD	927	24	2.6	211	22.8	478	51.6	122	13.2	88	9.5
BUCKS	6,567	65	1.0	749	11.4	3,419	52.1	1,133	17.3	1,164	17.7
BUTLER	2,141	21	1.0	270	12.6	1,234	57.6	334	15.6	278	13.0
CAMBRIA	2,441	29	1.2	324	13.3	1,526	62.5	340	13.9	210	8.6
CAMERON	96	4	4.2	20	20.8	55	57.3	11	11.5	6	6.3
CARBON	638	12	1.9	122	19.1	355	55.6	110	17.2	37	5.8
CENTRE	1,278	28	2.2	147	11.5	577	45.1	198	15.5	325	25.4
CHESTER	4,159	114	2.7	492	11.8	1,770	42.6	709	17.0	889	21.4
CLARION	630	25	4.0	95	15.1	349	55.4	81	12.9	79	12.5
CLEARFIELD	1,218	27	2.2	239	19.6	704	57.8	150	12.3	95	7.8
CLINTON	551	23	4.2	107	19.4	310	56.3	61	11.1	48	8.7
COLUMBIA	764	13	1.7	150	19.6	419	54.8	106	13.9	76	9.9
CRAWFORD	1,312	76	5.8	215	16.4	703	53.6	165	12.6	149	11.4
CUMBERLAND	2,117	56	2.6	283	13.4	1,040	49.1	341	16.1	382	18.0
DAUPHIN	3,216	64	2.0	574	17.8	1,575	48.9	459	14.3	465	14.4
DELAWARE	7,199	94	1.3	711	9.9	3,942	54.8	1,156	16.1	1,238	17.2
ELK	595	3	0.5	85	14.3	362	60.8	79	13.3	66	11.1
ERIE	4,305	92	2.1	779	18.1	2,403	55.8	504	11.7	525	12.2
FAYETTE	2,291	75	3.3	504	22.0	1,273	55.6	223	9.7	214	9.3
FOREST	48	0	-	8	16.7	30	62.5	6	12.5	4	8.3
FRANKLIN	1,553	54	3.5	335	21.6	822	52.9	164	10.6	175	11.3
FULTON	178	7	3.9	49	27.5	102	57.3	8	4.5	12	6.7
GREENE	575	22	3.8	117	20.3	293	51.0	81	14.1	62	10.8
HUNTINGDON	578	9	1.6	121	20.9	336	58.1	64	11.1	48	8.3
INDIANA	1,351	51	3.8	210	15.5	757	56.0	150	11.1	176	13.0
JEFFERSON	778	13	1.7	125	16.1	468	60.2	98	12/6	68	8.7
JUNIATA	269	20	7.4	61	22.7	138	51.3	28	10.4	21	7.8
LACKAWANNA	2,690	48	1.6	424	15.8	1,449	53.9	392	14.6	377	14.0
LANCASTER	5,645	926	16.4	994	17.6	2,458	43.5	653	11.6	594	10.5
LAWRENCE	1,472	78	5.3	238	16.2	812	55.2	191	13.0	149	10.1
LEBANON	1,496	84	5.6	273	18.2	825	55.1	158	10.6	154	10.3
LEHIGH	3,397	101	3.0	540	15.9	1,699	50.0	515	15.2	536	15.8
LUZERNE	3,856	70	1.8	614	15.9	2,055	53.3	677	17.6	437	11.3
LYCOMING	1,845	36	2.0	358	19.4	959	52.0	281	15.2	203	11.0
MCKEAN	719	18	2.5	129	17.9	409	56.9	80	11.1	77	10.7
MERCER	1,676	83	5.0	253	15.1	872	52.0	241	14.4	222	13.2
MIFFLIN	625	78	12.5	146	23.4	293	46.9	69	11.0	38	6.1
MONROE	832	17	2.0	130	15.6	399	48.0	152	18.3	132	15.9
MONTGOMERY	7,473	74	1.0	668	8.9	3,365	45.0	1,376	18.4	1,940	26.0
MONTOUR	222	8	3.6	36	16.2	98	44.1	31	14.0	48	21.6
NORTHAMPTON	2,719	68	2.5	458	16.8	1,351	49.7	443	16.3	379	13.9
NORTHUMBERLAND	1,254	30	2.4	246	19.6	754	60.1	137	10.9	86	6.9
PERRY	603	17	2.8	118	19.6	360	59.7	53	8.8	52	8.6
PHILADELPHIA	25,383	725	2.9	6,476	25.5	12,421	48.9	2,865	11.3	2,157	8.5
PIKE	171	2	1.2	28	16.4	81	47.4	32	18.7	28	16.4
POTTER	278	1	0.4	66	23.7	147	52.9	36	12.9	20	7.2
SCHUYLKILL	1,921	42	2.2	359	18.7	1,136	59.1	215	11.2	169	8.8
SNYDER	444	56	12.6	99	22.3	211	47.5	42	9.5	36	8.1
SOMERSET	1,155	32	2.8	213	18.4	667	57.7	163	14.1	75	6.5
SULLIVAN	87	0	-	17	19.5	47	54.0	19	21.8	4	4.6
SUSQUEHANNA	538	11	2.0	110	20.4	281	52.2	79	14.7	47	8.7
TIOGA	552	7	1.3	120	21.7	261	47.3	74	13.4	86	15.6
UNION	401	48	12.0	63	15.7	174	43.4	47	11.7	69	17.2
VENANGO	925	18	1.9	153	16.5	527	57.0	121	13.1	105	11.4
WARREN	619	10	1.6	96	15.5	356	57.5	105	17.0	46	7.4
WASHINGTON	2,605	56	2.1	418	16.0	1,406	54.0	390	15.0	331	12.7
WAYNE	523	9	1.7	74	14.1	294	56.2	90	17.2	53	10.1
WESTMORELAND	4,768	61	1.3	494	10.4	2,843	59.6	668	14.0	691	14.5
WYOMING	391	2	0.5	67	17.1	205	52.4	61	15.6	56	14.3
YORK	4,030	119	3.0	706	17.5	2,149	53.3	538	13.3	510	12.7

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COUNTY.
**TOTAL BIRTHS INCLUDE UNKNOWN MOTHER'S EDUCATION.

TABLE B-24
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER FOR COUNTIES, NUMBER AND PERCENT*: PENNSYLVANIA, 1979

		MARRIED						UNMARRIED					
				AGE OF MOTHER (IN YEARS)						AGE OF MOTHER (IN YEARS)			
COUNTY	TOTAL BIRTHS**	NUMBER***	%	19 & UNDER	%	OVER 19	%	NUMBER***	%	19 & UNDER	%	OVER 19	%
ALL COUNTIES	157,533	130,217	82.7	11,144	7.1	119,056	75.6	27,226	17.3	11,108	7.1	16,103	10.2
ADAMS	952	845	88.8	114	12.0	731	76.8	107	11.2	60	6.3	47	4.9
ALLEGHENY	17,159	14,359	83.7	745	4.3	13,613	79.3	2,792	16.3	1,119	6.5	1,672	9.7
ARMSTRONG	1,056	957	90.6	139	13.2	818	77.5	99	9.4	50	4.7	49	4.6
BEAVER	2,722	2,382	87.5	185	6.8	2,197	80.7	337	12.4	146	5.4	191	7.0
BEDFORD	629	571	90.8	101	16.1	470	74.7	58	9.2	33	5.2	25	4.0
BERKS	4,077	3,453	84.7	299	7.3	3,154	77.4	623	15.3	263	6.5	359	8.8
BLAIR	1,846	1,596	86.5	173	9.4	1,423	77.1	249	13.5	128	6.9	121	6.6
BRADFORD	927	782	84.4	112	12.1	670	72.3	143	15.4	67	7.2	76	8.2
BUCKS	6,567	5,915	90.1	354	5.4	5,560	84.7	649	9.9	281	4.3	369	5.6
BUTLER	2,141	1,988	92.9	174	8.1	1,814	84.7	153	7.1	63	2.9	90	4.2
CAMBRIA	2,441	2,215	90.7	225	9.2	1,990	81.5	224	9.2	107	4.4	117	4.8
CAMERON	96	82	85.4	12	12.5	70	72.9	14	14.6	7	7.3	7	7.3
CARBON	638	579	90.8	76	11.9	503	78.8	59	9.2	25	3.9	34	5.3
CENTRE	1,278	1,175	91.9	123	9.6	1,052	82.3	103	8.1	51	4.0	52	4.1
CHESTER	4,159	3,571	85.9	217	5.2	3,354	80.6	588	14.1	244	5.9	343	8.2
CLARION	630	589	93.5	73	11.6	516	81.9	41	6.5	22	3.5	19	3.0
CLEARFIELD	1,218	1,117	91.7	152	12.5	965	79.2	101	8.3	60	4.9	41	3.4
CLINTON	551	467	84.8	75	13.6	392	71.1	84	15.2	45	8.2	39	7.1
COLUMBIA	764	686	89.8	82	10.7	604	79.1	78	10.2	38	5.0	40	5.2
CRAWFORD	1,312	1,152	87.8	122	9.3	1,030	78.5	160	12.2	61	4.6	99	7.5
CUMBERLAND	2,117	1,924	90.9	161	7.6	1,763	83.3	191	9.0	88	4.2	103	4.9
DAUPHIN	3,218	2,472	76.8	236	7.3	2,235	69.5	741	23.0	322	10.0	419	13.0
DELAWARE	7,199	6,096	84.7	344	4.8	5,750	79.9	1,100	15.3	428	5.9	672	9.3
ELK	595	534	89.7	54	9.1	480	80.7	61	10.3	29	4.9	32	5.4
ERIE	4,305	3,538	82.2	278	6.5	3,260	75.7	767	17.8	326	7.6	441	10.2
FAYETTE	2,291	1,965	85.8	281	12.3	1,684	73.5	324	14.1	150	6.5	174	7.6
FOREST	48	41	85.4	6	12.5	35	72.9	7	14.6	3	6.3	4	8.3
FRANKLIN	1,553	1,407	90.6	181	11.7	1,225	78.9	146	9.4	67	4.3	79	5.1
FULTON	178	152	85.4	35	19.7	117	65.7	26	14.6	11	6.2	15	8.4
GREENE	575	511	88.9	67	11.7	444	77.2	64	11.1	31	5.4	33	5.7
HUNTINGDON	578	505	87.4	81	14.0	424	73.4	73	12.6	33	5.7	40	6.9
INDIANA	1,351	1,253	92.7	137	10.1	1,116	82.6	98	7.3	38	2.8	60	4.4
JEFFERSON	778	709	91.1	98	12.6	611	78.5	69	8.9	31	4.0	38	4.9
JUNIATA	269	259	96.3	36	13.4	223	82.9	10	3.7	3	1.1	7	2.6
LACKAWANNA	2,690	2,422	90.0	181	6.7	2,241	83.3	268	10.0	103	3.8	165	6.1
LANCASTER	5,645	4,939	87.5	392	6.9	4,545	80.5	706	12.5	317	5.6	389	6.9
LAWRENCE	1,472	1,330	90.4	133	9.0	1,197	81.3	139	9.4	60	4.1	79	5.4
LEBANON	1,496	1,332	89.0	121	8.1	1,211	80.9	163	10.9	66	4.4	97	6.5
LEHIGH	3,397	2,916	85.8	230	6.8	2,686	79.1	479	14.1	201	5.9	278	8.2
LUZERNE	3,856	3,462	89.8	300	7.8	3,162	82.0	393	10.2	156	4.0	237	6.1
LYCOMING	1,845	1,576	85.4	157	8.5	1,419	76.9	268	14.5	119	6.4	149	8.1
MCKEAN	719	624	86.8	74	10.3	550	76.5	94	13.1	43	6.0	51	7.1
MERCER	1,676	1,443	86.1	129	7.7	1,313	78.3	227	13.5	108	6.4	119	7.1
MIFFLIN	625	542	86.7	59	9.4	483	77.3	83	13.3	39	6.2	44	7.0
MONROE	832	749	90.0	62	7.5	687	82.6	83	10.0	32	3.8	51	6.1
MONTGOMERY	7,473	6,820	91.3	314	4.2	6,506	87.1	649	8.7	278	3.7	371	5.0
MONTOUR	222	201	90.5	20	9.0	181	81.5	21	9.5	8	3.6	13	5.9
NORTHAMPTON	2,719	2,332	85.8	178	6.5	2,154	79.2	386	14.2	181	6.7	205	7.5
NORTHUMBERLAND	1,254	1,145	91.3	191	15.2	954	76.1	109	8.7	56	4.5	53	4.2
PERRY	603	527	87.4	58	9.6	469	77.8	76	12.6	26	4.3	50	8.3
PHILADELPHIA	25,383	14,576	57.4	1,114	4.4	13,454	53.0	10,778	42.5	4,048	15.9	6,719	26.5
PIKE	171	155	90.6	16	9.4	139	81.3	15	8.8	7	4.1	8	4.7
POTTER	278	239	86.0	43	15.5	196	70.5	38	13.7	22	7.9	16	5.8
SCHUYLKILL	1,921	1,728	90.0	241	12.5	1,487	77.4	193	10.0	88	4.6	105	5.5
SNYDER	444	419	94.4	68	15.3	351	79.1	25	5.6	6	1.4	19	4.3
SOMERSET	1,155	1,068	92.5	147	12.7	921	79.7	87	7.5	26	2.3	61	5.3
SULLIVAN	87	74	85.1	9	10.3	65	74.7	13	14.9	3	3.4	10	11.5
SUSQUEHANNA	538	484	90.0	65	12.1	419	77.9	52	9.7	31	5.8	21	3.9
TIOGA	552	490	88.8	61	11.1	429	77.7	61	11.1	26	4.7	35	6.3
UNION	401	371	92.5	55	13.7	316	78.8	30	7.5	18	4.5	12	3.0
VENANGO	925	809	87.5	113	12.2	696	75.2	116	12.5	50	5.4	66	7.1
WARREN	619	555	89.7	67	10.8	488	78.8	64	10.3	33	5.3	31	5.0
WASHINGTON	2,605	2,349	90.2	230	8.8	2,119	81.3	255	9.8	103	4.0	151	5.8
WAYNE	523	481	92.0	53	10.1	428	81.8	42	8.0	16	3.1	26	5.0
WESTMORELAND	4,766	4,370	91.7	346	7.3	4,024	84.4	398	8.3	159	3.4	239	5.0
WYOMING	391	367	93.9	41	10.5	326	83.4	24	6.1	11	2.8	13	3.3
YORK	4,030	3,475	86.2	328	8.1	3,147	78.1	552	13.7	239	5.9	313	7.8

* PERCENT OF TOTAL LIVE BIRTH FOR EACH COUNTY.
** TOTAL BIRTHS INCLUDE UNKNOWN AGE OF MOTHER AND UNKNOWN MARITAL STATUS.
***NUMBER INCLUDES UNKNOWN AGE OF MOTHER.

TABLE B-25
RESIDENT LIVE BIRTHS BY MONTH OF BIRTH FOR COUNTIES: PENNSYLVANIA, 1979

COUNTY	TOTAL	MONTH OF BIRTH											
		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
ALL COUNTIES	157,533	12,941	11,994	13,391	12,616	13,037	12,698	14,045	14,199	13,689	13,505	12,750	12,668
ADAMS	952	89	73	110	66	76	72	76	74	72	66	70	88
ALLEGHENY	17,159	1,320	1,246	1,407	1,400	1,414	1,446	1,496	1,615	1,482	1,424	1,372	1,457
ARMSTRONG	1,056	92	100	89	84	72	73	97	95	86	95	81	92
BEAVER	2,722	220	212	241	225	213	217	230	245	243	256	184	228
BEDFORD	629	51	39	61	42	54	48	55	57	61	60	54	47
BERKS	4,077	352	302	328	325	326	309	381	362	350	368	329	345
BLAIR	1,866	153	149	159	173	150	164	160	171	178	163	163	83
BRADFORD	927	65	52	79	86	78	70	96	86	96	74	76	69
BUCKS	6,567	565	521	524	537	585	526	574	614	525	572	538	486
BUTLER	2,141	175	186	176	142	192	175	195	175	196	187	163	179
CAMBRIA	2,441	203	216	232	210	192	192	240	217	204	192	159	184
CAMERON	96	5	11	7	13	8	7	10	6	8	4	7	10
CARBON	636	46	38	50	49	53	54	60	58	54	62	59	53
CENTRE	1,278	93	107	106	105	120	106	120	110	112	109	97	93
CHESTER	4,159	319	317	355	367	356	349	367	384	354	353	320	318
CLARION	630	48	39	56	61	58	56	58	47	59	51	52	45
CLEARFIELD	1,216	116	103	69	99	103	105	111	105	107	125	87	86
CLINTON	551	36	45	66	44	48	46	39	42	51	47	48	39
COLUMBIA	764	57	77	67	76	46	63	54	66	61	66	59	72
CRAWFORD	1,312	93	92	112	111	105	108	120	108	114	115	119	115
CUMBERLAND	2,117	163	153	179	159	173	160	210	197	168	195	199	161
DAUPHIN	3,216	281	255	269	241	267	266	287	273	275	280	267	255
DELAWARE	7,199	587	561	622	602	617	552	637	611	629	634	593	554
ELK	595	48	50	45	52	59	53	49	53	38	53	43	52
ERIE	4,305	343	344	353	353	368	367	351	385	373	368	333	367
FAYETTE	2,291	170	180	171	177	211	178	233	201	213	193	200	164
FOREST	48	5	5	5	5	4	3	6	4	1	2	5	3
FRANKLIN	1,553	122	109	133	136	124	123	158	136	127	131	123	131
FULTON	173	15	17	11	12	17	11	15	24	16	12	10	16
GREENE	575	45	49	54	34	55	48	40	57	39	55	48	55
HUNTINGDON	578	40	43	44	44	56	47	51	56	48	49	52	48
INDIANA	1,351	115	98	111	115	123	110	112	117	103	133	101	113
JEFFERSON	770	74	73	81	59	51	56	79	57	75	49	66	50
JUNIATA	269	17	25	11	10	30	17	28	31	25	28	28	19
LACKAWANNA	2,690	201	205	226	207	245	225	250	247	225	233	209	217
LANCASTER	5,645	483	435	495	440	412	443	487	510	497	512	474	457
LAWRENCE	1,472	142	104	134	109	117	120	140	119	136	115	124	112
LEBANON	1,496	133	103	132	103	129	136	129	130	133	114	124	130
LEHIGH	3,397	290	226	300	276	254	296	307	295	295	281	273	304
LUZERNE	3,856	315	322	320	321	310	322	334	364	320	306	306	316
LYCOMING	1,865	136	142	151	145	165	142	176	168	164	156	159	161
MCKEAN	719	66	51	55	63	56	49	74	69	68	52	58	56
MERCER	1,676	135	140	154	152	137	124	146	137	134	143	133	161
MIFFLIN	625	44	45	56	51	65	38	59	50	63	55	51	48
MONROE	832	71	59	64	65	83	61	73	80	72	64	79	61
MONTGOMERY	7,473	595	550	672	594	639	585	664	665	676	657	594	582
MONTOUR	222	25	13	18	13	20	19	17	25	15	24	19	14
NORTHAMPTON	2,719	240	212	252	208	209	203	212	252	226	232	240	227
NORTHUMBERLAND	1,254	108	105	103	111	110	72	117	127	121	90	95	95
PERRY	603	59	44	52	41	52	52	43	47	64	53	46	50
PHILADELPHIA	25,363	2,161	1,937	2,092	1,953	1,985	2,051	2,370	2,335	2,217	2,122	2,076	2,064
PIKE	171	13	6	18	13	6	18	18	20	21	18	14	6
POTTER	278	20	26	30	19	26	28	30	30	15	25	17	16
SCHUYLKILL	1,921	150	148	157	143	171	148	177	180	170	164	164	149
SNYDER	444	33	33	33	28	34	39	42	35	31	51	39	46
SOMERSET	1,155	96	76	106	99	85	86	100	96	96	113	98	104
SULLIVAN	87	7	7	6	7	6	13	9	5	7	6	9	5
SUSQUEHANNA	536	41	35	43	52	57	47	59	44	53	43	39	25
TIOGA	552	49	35	51	44	45	40	41	58	49	53	49	38
UNION	401	42	23	31	23	31	30	32	32	37	43	38	39
VENANGO	925	89	65	73	74	83	84	77	81	81	74	69	75
WARREN	619	64	43	66	58	60	56	62	33	32	62	53	50
WASHINGTON	2,605	210	201	216	221	231	198	230	222	254	226	190	206
WAYNE	523	35	36	45	52	36	49	47	53	42	55	36	37
WESTMORELAND	4,766	376	363	408	372	420	392	359	451	439	426	384	376
WYOMING	391	28	30	32	34	27	38	33	38	33	32	39	27
YORK	4,030	323	287	337	311	327	323	356	362	360	334	367	343

TABLE B-26
RESIDENT LIVE BIRTHS BY TRIMESTER OF FIRST PRENATAL VISIT FOR COUNTIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1979

COUNTY	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	%
		FIRST	%	SECOND	%	THIRD	%	UNKNOWN	%		
ALL COUNTIES	157,533	117,089	74.3	24,454	15.5	4,493	2.9	10,920	6.9	577	0.4
ADAMS	952	793	83.3	114	12.0	19	2.0	21	2.2	5	0.5
ALLEGHENY	17,159	14,628	85.2	1,968	11.5	280	1.6	226	1.3	57	0.3
ARMSTRONG	1,056	837	79.3	184	17.4	24	2.3	11	1.0	0	-
BEAVER	2,722	2,285	83.9	321	11.8	57	2.1	49	1.8	10	0.4
BEDFORD	629	447	71.1	131	20.8	24	3.8	26	4.1	1	0.2
BERKS	4,077	3,175	77.9	489	12.0	73	1.8	322	7.9	18	0.4
BLAIR	1,846	1,482	80.3	266	14.4	56	3.0	35	1.9	7	0.4
BRADFORD	927	591	63.8	260	28.0	59	6.4	14	1.5	3	0.3
BUCKS	6,567	5,106	77.8	976	14.9	202	3.1	250	3.8	33	0.5
BUTLER	2,141	1,814	84.7	219	10.2	37	1.7	70	3.3	1	0.0
CAMBRIA	2,441	1,945	79.7	414	17.0	46	1.9	25	1.0	11	0.5
CAMERON	96	71	74.0	19	19.8	3	3.1	3	3.1	0	-
CARBON	638	500	78.4	79	12.4	18	2.8	39	6.1	2	0.3
CENTRE	1,278	1,090	85.3	143	11.2	31	2.4	10	0.8	4	0.3
CHESTER	4,159	2,840	68.3	772	18.6	167	4.0	367	8.8	13	0.3
CLARION	630	538	85.4	78	12.4	9	1.4	5	0.8	0	-
CLEARFIELD	1,218	1,000	82.1	167	13.7	27	2.2	20	1.6	4	0.3
CLINTON	551	403	73.1	109	19.8	24	4.4	14	2.5	1	0.2
COLUMBIA	764	631	82.6	105	13.7	20	2.6	7	0.9	1	0.1
CRAWFORD	1,312	1,001	76.3	217	16.5	54	4.1	34	2.6	6	0.5
CUMBERLAND	2,117	1,569	74.1	379	17.9	85	4.0	75	3.5	9	0.4
DAUPHIN	3,218	2,314	71.9	592	18.4	123	3.8	178	5.5	11	0.3
DELAWARE	7,199	5,648	78.5	996	13.8	210	2.9	335	4.7	10	0.1
ELK	595	518	87.1	67	11.3	6	1.0	2	0.3	2	0.3
ERIE	4,305	3,138	72.9	618	14.4	116	2.7	424	9.8	9	0.2
FAYETTE	2,291	1,711	74.7	436	19.0	79	3.4	52	2.2	13	0.6
FOREST	48	42	87.5	6	12.5	0	-	0	-	0	-
FRANKLIN	1,553	1,116	71.9	355	22.9	51	3.3	24	1.5	7	0.5
FULTON	178	110	61.8	62	34.8	2	1.1	4	2.2	0	-
GREENE	575	447	77.7	108	18.8	10	1.7	10	1.7	0	-
HUNTINGDON	578	467	80.8	88	15.2	11	1.9	10	1.7	2	0.3
INDIANA	1,351	1,008	74.6	263	19.5	45	3.3	29	2.1	6	0.4
JEFFERSON	778	631	81.1	115	14.8	17	2.2	14	1.8	1	0.1
JUNIATA	269	203	75.5	50	18.6	11	4.1	5	1.9	0	-
LACKAWANNA	2,690	2,261	84.1	367	13.6	40	1.5	13	0.5	9	0.3
LANCASTER	5,645	4,345	77.0	877	15.5	264	4.7	150	2.7	9	0.2
LAWRENCE	1,472	547	37.2	125	8.5	30	2.0	763	51.8	7	0.5
LEBANON	1,496	1,206	80.6	237	15.8	34	2.3	16	1.1	3	0.2
LEHIGH	3,397	2,672	78.7	389	11.5	85	2.5	241	7.1	10	0.3
LUZERNE	3,856	3,163	82.0	545	14.1	70	1.8	61	1.6	17	0.4
LYCOMING	1,845	1,319	71.5	444	24.1	55	3.0	24	1.3	3	0.2
MCKEAN	719	586	81.5	94	13.1	23	3.2	15	2.1	1	0.1
MERCER	1,676	1,172	69.9	379	22.6	56	3.3	63	3.8	6	0.4
MIFFLIN	625	464	74.2	107	17.1	42	6.7	7	1.1	5	0.8
MONROE	832	666	80.0	142	17.1	12	1.4	11	1.3	1	0.1
MONTGOMERY	7,473	6,060	81.1	806	10.8	161	2.2	435	5.8	11	0.1
MONTOUR	222	161	72.5	47	21.1	12	5.4	2	0.9	0	-
NORTHAMPTON	2,719	2,244	82.5	332	12.2	57	2.1	81	3.0	5	0.2
NORTHUMBERLAND	1,254	982	78.3	210	16.7	28	2.2	29	2.3	5	0.4
PERRY	603	445	73.8	119	19.7	21	3.5	15	2.5	3	0.5
PHILADELPHIA	25,383	13,921	54.8	5,068	20.0	1,034	4.1	5,202	20.5	158	0.6
PIKE	171	126	73.7	36	21.1	3	1.8	3	1.8	3	1.8
POTTER	278	211	75.9	51	18.3	9	3.2	7	2.5	0	-
SCHUYLKILL	1,921	1,577	82.1	258	13.4	37	1.9	40	2.1	9	0.5
SNYDER	444	330	74.3	80	18.0	26	5.9	6	1.4	2	0.5
SOMERSET	1,155	831	71.9	231	20.0	24	2.1	69	6.0	0	-
SULLIVAN	87	64	73.6	18	20.7	5	5.7	0	-	0	-
SUSQUEHANNA	538	417	77.5	84	15.6	22	4.1	15	2.8	0	-
TIOGA	552	391	70.8	121	21.9	19	3.4	21	3.8	0	-
UNION	401	326	81.3	56	14.0	16	4.0	3	0.7	0	-
VENANGO	925	787	85.1	117	12.6	10	1.1	10	1.1	1	0.1
WARREN	619	501	80.9	94	15.2	12	1.9	12	1.9	0	-
WASHINGTON	2,605	1,806	69.3	647	24.8	95	3.6	30	1.2	27	1.0
WAYNE	523	405	77.4	93	17.8	15	2.9	8	1.5	2	0.4
WESTMORELAND	4,760	3,340	70.2	534	11.2	90	1.9	777	16.3	19	0.4
WYOMING	391	264	67.5	94	24.0	19	4.9	12	3.1	2	0.5
YORK	4,030	3,392	84.2	486	12.1	71	1.8	69	1.7	12	0.3

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COUNTY.

TABLE B-27
RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY FOR COUNTIES: PENNSYLVANIA, 1979

		HOSPITAL				NON-HOSPITAL			
COUNTY	TOTAL	DOCTOR	MIDWIFE	OTHER	UNKNOWN	DOCTOR	MIDWIFE	OTHER	UNKNOWN
ALL COUNTIES	157,533	153,257	2,196	30	371	1,105	341	203	28
ADAMS	952	948	1	0	0	3	0	0	0
ALLEGHENY	17,159	16,951	104	2	37	45	2	17	1
ARMSTRONG	1,056	1,047	1	0	4	4	0	0	0
BEAVER	2,722	2,703	2	0	3	11	0	3	0
BEDFORD	629	623	0	0	0	4	0	2	0
BERKS	4,077	3,850	118	0	0	57	48	4	0
BLAIR	1,846	1,839	0	0	0	5	0	2	0
BRADFORD	927	734	186	0	0	3	1	3	0
BUCKS	6,567	6,477	29	1	17	23	8	9	3
BUTLER	2,141	2,126	0	0	6	8	1	0	0
CAMBRIA	2,441	2,423	5	0	3	6	0	3	1
CAMERON	96	95	0	0	0	1	0	0	0
CARBON	638	634	3	0	0	1	0	0	0
CENTRE	1,278	1,246	16	0	0	7	3	6	0
CHESTER	4,159	4,033	38	0	16	42	24	5	1
CLARION	630	625	0	0	2	2	0	1	0
CLEARFIELD	1,218	1,212	0	0	0	5	0	1	0
CLINTON	551	544	2	0	2	1	0	2	0
COLUMBIA	764	761	1	0	0	2	0	0	0
CRAWFORD	1,312	1,299	1	0	3	1	4	2	2
CUMBERLAND	2,117	2,063	23	0	0	13	12	6	0
DAUPHIN	3,216	3,105	80	1	3	21	1	5	2
DELAWARE	7,199	7,065	110	1	14	7	0	1	1
ELK	595	592	0	0	0	3	0	0	0
ERIE	4,305	4,246	1	0	31	18	0	7	2
FAYETTE	2,291	2,277	5	1	0	7	0	1	0
FOREST	48	48	0	0	0	0	0	0	0
FRANKLIN	1,553	1,522	3	0	2	13	10	1	2
FULTON	178	178	0	0	0	0	0	0	0
GREENE	575	571	0	0	0	3	1	0	0
HUNTINGDON	578	571	3	0	0	4	0	0	0
INDIANA	1,351	1,338	3	0	0	7	0	3	0
JEFFERSON	778	773	0	0	2	2	0	1	0
JUNIATA	269	237	11	0	0	4	15	1	1
LACKAWANNA	2,690	2,622	44	2	2	10	0	9	1
LANCASTER	5,645	5,089	2	0	2	456	87	9	0
LAWRENCE	1,472	1,438	0	0	1	10	16	5	2
LEBANON	1,496	1,427	12	0	0	48	6	3	0
LEHIGH	3,397	3,364	3	0	5	18	7	0	0
LUZERNE	3,856	3,468	361	0	3	13	5	6	0
LYCOMING	1,845	1,828	8	0	2	5	1	1	0
MCKEAN	719	716	1	0	0	2	0	0	0
MERCER	1,676	1,654	0	0	2	4	10	5	1
MIFFLIN	625	573	18	0	0	20	11	2	1
MONROE	832	818	2	0	0	9	3	0	0
MONTGOMERY	7,473	7,319	93	0	23	15	13	10	0
MONTOUR	222	220	1	0	0	0	0	1	0
NORTHAMPTON	2,719	2,707	0	0	0	7	4	1	0
NORTHUMBERLAND	1,254	1,252	1	0	0	1	0	0	0
PERRY	603	580	17	0	0	5	1	0	0
PHILADELPHIA	25,383	24,519	615	4	151	55	1	35	3
PIKE	171	144	24	0	2	1	0	0	0
POTTER	278	275	0	1	0	1	0	1	0
SCHUYLKILL	1,921	1,896	5	0	2	14	4	0	0
SNYDER	444	397	0	0	0	26	19	2	0
SOMERSET	1,155	1,140	3	1	0	5	4	2	0
SULLIVAN	87	84	3	0	0	0	0	0	0
SUSQUEHANNA	538	528	3	0	1	3	0	3	0
TIOGA	552	543	1	0	1	6	1	0	0
UNION	401	390	0	0	0	4	4	3	0
VENANGO	925	921	0	0	2	1	0	1	0
WARREN	619	604	1	0	1	1	6	5	1
WASHINGTON	2,605	2,597	0	0	0	6	0	1	1
WAYNE	523	483	35	0	0	3	0	2	0
WESTMORELAND	4,768	4,543	195	14	3	10	0	3	0
WYOMING	391	386	1	0	0	1	1	2	0
YORK	4,030	3,976	3	2	23	12	7	5	2

TABLE B-28
RESIDENT LIVE BIRTHS BY AGE OF MOTHER FOR SELECTED CITIES, PENNSYLVANIA, 1979

CITY	TOTAL BIRTHS**	AGE OF MOTHER (IN YEARS)							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
PITTSBURGH	5,596	28	920	1,907	1,769	753	183	33	2
MCKEESPORT	512	1	85	185	154	68	13	6	0
READING	1,339	10	289	513	341	140	37	8	0
ALTOONA	887	2	143	323	270	110	31	8	0
JOHNSTOWN	520	1	93	211	130	52	26	7	0
STATE COLLEGE	193	0	19	54	76	32	10	2	0
HARRISBURG	1,185	10	288	450	299	109	26	3	0
CHESTER	937	6	253	381	203	73	20	1	0
ERIE	2,250	6	364	831	677	308	55	9	0
SCRANTON	1,100	2	134	374	366	165	52	6	1
LANCASTER	1,054	7	252	386	256	116	28	9	0
NEW CASTLE	524	0	85	182	184	51	18	4	0
LEBANON	405	0	80	166	101	42	13	3	0
ALLENTOWN	1,566	3	240	545	456	262	50	9	1
BETHLEHEM	833	1	128	260	291	127	23	3	0
WILKES-BARRE	640	0	95	197	198	107	35	8	0
HAZLETON	333	0	45	115	100	53	18	2	0
WILLIAMSPORT	616	1	114	241	188	56	13	3	0
NORRISTOWN	618	2	111	213	203	71	16	2	0
EASTON	406	1	87	136	124	36	21	1	0
YORK	782	6	192	290	194	82	12	6	0

*TOTAL BIRTHS INCLUDE UNKNOWN AGE OF MOTHER.

TABLE B-29
RESIDENT LIVE BIRTHS BY SEX AND RACE FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1979

CITY	TOTAL BIRTHS*	RATE**	WHITE			NON-WHITE		
			TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
PITTSBURGH	5,596	12.9	3,662	1,872	1,790	1,934	1,005	929
MCKEESPORT	512	16.2	418	208	210	94	46	48
READING	1,339	17.3	1,150	680	570	189	84	105
ALTOONA	887	15.8	867	439	428	20	9	11
JOHNSTOWN	520	13.7	446	240	206	74	42	32
STATE COLLEGE	193	4.9	161	94	67	32	15	17
HARRISBURG	1,185	21.8	587	286	301	598	311	287
CHESTER	937	21.2	264	136	128	673	338	335
ERIE	2,250	18.6	1,903	1,007	896	347	169	178
SCRANTON	1,100	12.2	1,062	542	520	38	22	16
LANCASTER	1,054	18.6	882	462	420	172	88	84
NEW CASTLE	524	14.9	461	231	230	63	28	35
LEBANON	405	14.3	386	204	182	19	9	10
ALLENTOWN	1,566	15.5	1,440	726	714	126	66	60
BETHLEHEM	833	11.5	782	404	378	51	26	25
WILKES-BARRE	640	11.9	617	307	310	23	9	14
HAZLETON	333	11.8	326	162	164	7	1	6
WILLIAMSPORT	616	18.3	572	298	274	44	20	24
NORRISTOWN	618	18.0	468	251	217	150	77	73
EASTON	406	14.3	326	163	163	80	44	36
YORK	782	17.0	585	317	268	197	102	95

* TOTAL BIRTHS INCLUDE UNKNOWN SEX AND/OR RACE.

TABLE B-30
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT FOR SELECTED CITIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1979

CITY	TOTAL BIRTHS**	WEIGHT AT BIRTH IN GRAMS							
		2500 GRAMS & UNDER	%	2501-3500 GRAMS	%	3501-4500 GRAMS	%	4501 GRAMS & OVER	%
PITTSBURGH	5,596	510	9.1	3,187	57.0	1,811	32.4	81	1.4
MCKEESPORT	512	29	5.7	285	55.7	189	36.9	7	1.4
READING	1,339	135	10.1	725	54.1	464	34.7	14	1.0
ALTOONA	887	47	5.3	469	52.9	349	39.3	20	2.3
JOHNSTOWN	520	52	10.0	274	52.7	189	36.3	5	1.0
STATE COLLEGE	193	13	6.7	106	54.9	69	35.8	5	2.6
HARRISBURG	1,185	115	9.7	717	60.5	341	28.8	9	0.8
CHESTER	937	106	11.3	565	60.3	260	27.7	6	0.6
ERIE	2,250	173	7.7	1,198	53.2	833	37.0	41	1.8
SCRANTON	1,100	82	7.5	578	52.5	421	38.3	17	1.5
LANCASTER	1,054	88	8.3	590	56.0	348	33.0	23	2.2
NEW CASTLE	524	64	12.2	283	54.0	172	32.8	4	0.8
LEBANON	405	22	5.4	224	55.3	151	37.3	7	1.7
ALLENTOWN	1,566	98	6.3	873	56.1	557	35.6	29	1.9
BETHLEHEM	833	54	6.5	457	54.9	313	37.6	9	1.1
WILKES-BARRE	640	42	6.6	324	50.6	262	40.9	11	1.7
HAZLETON	333	21	6.3	192	57.7	113	33.9	4	1.2
WILLIAMSPORT	616	47	7.6	356	57.8	208	33.8	5	0.8
NORRISTOWN	618	53	8.6	347	56.1	208	33.7	10	1.6
EASTON	406	33	8.1	219	53.9	144	35.5	8	2.0
YORK	782	55	7.0	458	58.6	248	31.7	19	2.4

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SELECTED CITY.
**TOTAL BIRTHS INCLUDE UNKNOWN BIRTH WEIGHT.

TABLE B-31
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER FOR SELECTED CITIES, NUMBER AND PERCENT*: PENNSYLVANIA, 1979

CITY	TOTAL BIRTHS **	MARRIED						UNMARRIED					
		TOTAL		AGE OF MOTHER (IN YEARS)				TOTAL		AGE OF MOTHER (IN YEARS)			
		NUMBER***	%	19 & UNDER	%	OVER 19	%	NUMBER***	%	19 & UNDER	%	OVER 19	%
PITTSBURGH	5,596	3,903	69.7	271	4.8	3,631	64.9	1,692	30.2	677	12.1	1,015	18.1
MCKEESPORT	512	415	81.1	44	8.6	371	72.5	97	18.9	42	8.2	55	10.7
READING	1,339	907	67.7	115	8.6	792	59.1	431	32.2	184	13.7	246	18.4
ALTOONA	887	740	83.4	75	8.5	665	75.0	146	16.5	70	7.9	76	8.6
JOHNSTOWN	520	408	78.5	48	9.2	360	69.2	111	21.3	46	8.8	65	12.5
STATE COLLEGE	193	172	89.1	11	5.7	161	83.4	21	10.9	8	4.1	13	6.7
HARRISBURG	1,185	615	51.9	71	6.0	544	45.9	565	47.7	225	19.0	340	28.7
CHESTER	937	369	39.4	36	3.8	333	35.5	568	60.6	223	23.8	345	36.8
ERIE	2,250	1,700	75.6	148	6.6	1,552	69.0	550	24.4	222	9.9	328	14.6
SCRANTON	1,100	935	85.0	78	7.1	857	77.9	165	15.0	58	5.3	107	9.7
LANCASTER	1,054	670	63.6	92	8.7	578	54.8	384	36.4	167	15.8	217	20.6
NEW CASTLE	524	437	83.4	52	9.9	385	73.5	84	16.0	33	6.3	51	9.7
LEBANON	405	316	78.0	50	12.3	266	65.7	88	21.7	30	7.4	58	14.3
ALLENTOWN	1,565	1,243	79.4	112	7.2	1,131	72.2	322	20.6	131	8.4	191	12.2
BETHLEHEM	833	649	77.9	51	6.1	598	71.8	184	22.1	78	9.4	106	12.7
WILKES-BARRE	640	549	85.8	63	9.8	486	75.9	91	14.2	32	5.0	59	9.2
HAZLETON	333	283	85.0	21	6.3	262	78.7	50	15.0	24	7.2	26	7.8
WILLIAMSPORT	616	490	79.5	59	9.6	431	70.0	125	20.3	56	9.1	69	1.2
NORRISTOWN	618	463	74.9	41	6.6	422	68.3	155	25.1	72	11.7	83	13.4
EASTON	406	292	71.9	27	6.7	265	65.3	114	28.1	61	15.0	53	13.1
YORK	782	485	62.2	63	8.1	422	54.0	296	37.9	135	17.3	161	20.6

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SELECTED CITY.
** TOTAL BIRTHS INCLUDE UNKNOWN AGE OF MOTHER AND UNKNOWN MARITAL STATUS.
***NUMBER INCLUDES UNKNOWN AGE OF MOTHER.

MORTALITY STATISTICS

1979 MORTALITY STATISTICS

****
HIGHLIGHTS
****

The State

- In 1979, a total of 117,097 Pennsylvania residents died--the least number of deaths since 1956. The rate of 10.0 deaths per 1,000 population, previously reached in 1954 and 1977, is the lowest death rate recorded in Pennsylvania.

- The median age at death was 72.8 for Pennsylvania residents in 1979, compared to 72.5 in 1978, 70.9 in 1970, and 63.7 in 1940.

- The leading cause of death in Pennsylvania continued to be heart disease, which accounted for 48,407 or 41.3 percent of all deaths. The ranking of the four most frequent causes of death--heart disease, malignant neoplasms (cancer), cerebrovascular disease, and accidents has remained the same since 1950. Together, these four causes accounted for nearly 75 percent of the deaths in 1979.

- Leading cause of death varies according to the age group.

  - For children under five years of age, deaths in 1979 were due mainly to perinatal conditions, (48.9 percent); congenital anomalies, (20.1 percent); and accidents, (6.2 percent).

  - For persons 5-24 years of age, accidents accounted for 53.7 percent, suicide for 10 percent, and homicide for 8 percent of the deaths.

  - Approximately 20 percent of the deaths of persons 25-44 years of age were from accidents, 18 percent from malignant neoplasms, 16 percent from heart disease, and 10 percent from suicide.

  - For the age group 45-64 years, 36.9 percent of the deaths were due to heart disease, 31.8 percent malignant neoplasms, and 4.5 percent cerebrovascular disease.

  - Heart disease accounted for nearly 45 percent of deaths for persons 65-84 years of age, malignant neoplasms for 22.6 percent, and cerebrovascular disease for 8.8 percent.

  - For the age group 85 years and over, 53.2 percent of the deaths were from heart disease, 12.1 percent from cerebrovascular disease, 10.6 percent from malignant neoplasms, and 4.3 percent from atherosclerosis.

- Leading cause of death also varies according to the sex of the decedent. Among females aged 25-64, the leading cause of death in 1979 was malignant neoplasms; for males in these ages, heart disease was the leading cause. For other selected leading causes, the number of females dying was proportionately higher than males for cerebrovascular disease, diabetes mellitus, and atherosclerosis. Males were proportionately higher than females for accidents, liver disease and cirrhosis, suicide, aortic aneurysm, and pneumoconiosis.

- Leading cause of death is also related to the race of the decedent. Among nonwhites aged 25-44, the leading cause of death was homicide; for whites in these ages, the leading cause was accidents, all forms. The number of whites dying was proportionately higher than nonwhites for heart disease and atherosclerosis. The number of nonwhites dying was proportionately higher for perinatal conditions, nephritis and nephrosis, and homicide.

- Deaths due to infectious and parasitic diseases continued to decline in Pennsylvania in 1979, with a rate of 7.2 per 100,000 population. Two-thirds of these deaths were from septicemia.

- The number of deaths from neoplasms rose slightly in 1979--from 25,802 deaths in 1978 to 25,841 deaths in 1979. Nearly one-half of these deaths in 1979 were due to malignant neoplasms of the trachea, bronchus, and lung (22.6 percent), colon (11.2 percent), female breast (8.5 percent), and prostate (5.5 percent). The death rate for malignant neoplasms (218.3 per 100,000 population) was slightly higher than the 1978 rate of 215.9 and was the highest rate ever recorded in Pennsylvania.

- Of the 2,936 deaths due to endocrine, nutritional and metabolic diseases and disorders in 1979, over 80 percent were from diabetes mellitus. The death rate for diabetes was 20.3 per 100,000 population compared to 21.1 in 1978 and 18.3 in 1977.

- The number of deaths from diseases of the circulatory system declined from 62,665 in 1978 to 61,070 in 1979. Over 5.6 percent of these deaths in 1979 were due to ischemic heart disease, including 20,509 deaths due to acute myocardial infarction. The number of heart disease deaths was the lowest recorded since 1956.

- Of the 6,670 deaths from diseases of the respiratory system in 1979, over half were due to pneumonia (33.4 percent), pneumoconiosis (12.7 percent), and emphysema (9.7 percent). Both the number and rate of pneumonia and influenza deaths in 1979 were the lowest reported.

- The number of deaths due to diseases of the digestive system in 1979 was 4,060. Nearly 40 percent of these deaths were from chronic liver disease and cirrhosis.

- Deaths resulting from complications of pregnancy, childbirth and the puerperium (maternal deaths) numbered 12 or 0.8 per 10,000 live births. This nearly matches the record low rate (0.7) recorded in 1974 and 1975.

- Of the 7,142 deaths in 1979 due to external causes of injury and poisoning, two-thirds were accidents, half of which were motor vehicle accidents. The next highest number of deaths in this category were suicides--1,346 or 11.5 per 100,000 population. This is the lowest number and rate for suicides since 1974.

- The infant deaths rate in 1979 was 13.4 per 1,000 live births, matching the record low rate achieved in 1978. Nearly three-fourths of these deaths occurred in the first 27 days of life.

- The cause of deaths for infants varied according to the age at death. For neonatal deaths (less than 28 days), 74.2 percent were the result of certain conditions originating in the perinatal period and 19.5 percent from congenital anomalies. For postneonatal deaths (28-364 days) 35.4 percent were due to sudden infant death syndrome and 21.8 percent to congenital anomalies.

- Of the 1,166 deaths due to perinatal conditions, over 40 percent resulted from respiratory distress syndrome and other respiratory conditions of newborn and 15.4 percent from disorders relating to short gestation and low birth weight.

- The fetal death rate in 1979 was 22.4 per 1,000 deliveries, the lowest rate since 1971. Forty-two percent were induced pregnancy terminations.

- Of the 2,094 fetal deaths excluding induced terminations, 36.6 percent were due to complications of the placenta, cord and membranes; 17.0 percent to maternal conditions and complications of pregnancy; and 7.6 percent to disorders relating to short gestation and low birth weight.

PLEASE NOTE: Death rates are affected by the age distribution of the population. Among the Health Service Areas, for example, the percentage of the population 65 years of age and over varies as follows:

HSA I (Southeast Pa.)	12.1%	HSA VI (Southwest Pa.)	12.9%
HSA II (Eastern Pa.)	13.4	HSA VII (Northwest Pa.)	12.2
HSA III (Northeast Pa.)	16.0	HSA VIII (NY-PENN)	12.7
HSA IV (Southcentral Pa.)	11.8	HSA IX (Keystone)	13.5
HSA V (Central Pa.)	12.6		

These differences are reflected in the highlights for Health Service Areas, counties and selected cities.

Health Service Areas

- Among the nine areas, the death rate per 1,000 population varied from 8.9 in Southcentral Pennsylvania to 12.3 in Northeast Pennsylvania. Northeast Pennsylvania also had the highest neonatal death rate (10.8) per 1,000 live births, while the NY-PENN Area had the lowest (7.1). Infant death rates ranged from 14.4 per 1,000 live births in Southeast Pennsylvania to 11.0 in the Keystone Area.

- Northeast Pennsylvania with a death rate of 536.4 per 100,000 population from heart disease was 30 percent higher than the State rate of 412.7 in 1979. Southwest Pennsylvania had a rate 10 percent higher than the State and Southeast Pennsylvania had a rate 13 percent lower.

- Northeast Pennsylvania also had the highest death rate from malignant neoplasms in 1979 among the nine health service areas--15 percent higher than the State rate. Southcentral Pennsylvania and Central Pennsylvania had rates approximately 10 percent lower than the State rate.

- The death rate for cerebrovascular disease in Northeast Pennsylvania was 93.3 per 100,000 population--20 percent higher than the State rate. Central Pennsylvania and the Keystone Area also had rates more than 10 percent higher than the State rate; Southcentral Pennsylvania and the NY-PENN Area had rates more than 10 percent lower.

- Five health service areas had death rates from motor vehicle accidents more than 25 percent higher than the State rate—Southcentral, Central, Northwest, NT-PENN, and Keystone. One Area--Southeast--had a rate 24 percent lower than the State rate. Keystone Area had the highest death rate for accidents other than motor vehicle, 25.6 compared to 21.2 for the State and 15.8 for Southcentral Pennsylvania (the lowest of the health service areas).

- The death rate for diabetes mellitus in Northeast Pennsylvania was 30.9--52 percent higher than the State rate of 20.3. Southeast Pennsylvania had the lowest rate among the health service areas--16.5.

- Pneumonia and influenza death rates were comparatively higher in Southeast and Northwest Pennsylvania, and lower in the Northeast, Central, and Keystone.

- The Keystone Area had the highest rate for suicide deaths--12.8 per 100,000 population, compared to the State rate of 11.5. Northwest Pennsylvania had the lowest rate among the health service areas--7.9. Southeast Pennsylvania had the highest homicide rate (12.7) with the next highest being Southwest Pennsylvania with a rate of 5.8.

- Over 70 percent of all deaths due to pneumoconiosis among Pennsylvania residents in 1979 were in Northeast Pennsylvania. The rate was 76.4, more than 10 times higher than the State rate of 7.2.

Counties

- As in 1978, Schuylkill County had the highest death rate and Centre County the lowest among the 67 counties.

- Four counties--Lackawanna, Luzerne, Northumberland, and Schuylkill--accounted for more than three-fourths of the deaths from pneumoconiosis.

- Over half of the homicide deaths in Pennsylvania in 1979 were of residents of Philadelphia.

Cities

- Of the 21 cities examined, Wilkes-Barre and Johnstown had the highest death rates in 1979--15.4 and 15.2 per 1,000 population. In 1978, McKeesport and Johnstown were the highest, followed by Altoona and Wilkes-Barre.

- Harrisburg had the highest rate of the 21 cities for fetal deaths (excluding induced terminations), infant deaths, and neonatal deaths.

- Wilkes-Barre and Johnstown also had the highest death rates among the cities in 1979 due to heart disease--713.0 and 676.3 per 100,000 population. In 1978, McKeesport was the highest with a rate of 763.4, Johnstown second with 702.6, and Wilkes-Barre third with 698.1.

TABLE C-1
RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL AND MATERNAL DEATHS, NUMBER AND RATE: PENNSYLVANIA, 1940-1979

YEAR	TOTAL DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		MATERNAL DEATHS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1979	117,097	10.0	157,533	13.4	3,606	22.4	2,110	13.4	1,548	9.8	14	0.9
1978	119,279	10.2	151,430	12.9	4,034	25.9	2,031	13.4	1,540	10.2	19	1.3
1977	118,853	10.0	153,415	13.0	4,058	25.8	2,137	13.9	1,600	10.4	19	1.2
1976	120,082	10.2	148,004	12.5	4,349	28.5	2,276	15.4	1,746	11.8	26	1.8
1975	120,459	10.2	148,942	12.6	3,848	25.2	2,423	16.3	1,855	12.5	10	0.7
1974	122,943	10.4	151,456	12.8	4,372	28.1	2,584	17.1	2,013	13.3	11	0.7
1973	128,483	10.8	153,272	12.9	4,229	26.9	2,607	17.0	1,980	12.9	21	1.4
1972	127,138	10.7	163,110	13.7	3,760	22.6	2,912	17.9	2,244	13.8	20	1.2
1971	126,597	10.7	180,939	15.1	4,079	22.0	3,314	18.3	2,546	14.1	36	2.0
1970	126,564	10.7	192,150	16.3	4,495	22.9	3,879	20.2	3,027	15.8	40	2.1
1969	126,704	10.7	185,040	15.7	3,666	19.4	3,865	20.9	3,003	16.2	37	2.0
1968	130,602	11.1	185,729	15.8	3,539	18.7	4,015	21.6	3,154	17.0	33	1.8
1967	125,494	10.6	188,706	16.4	3,569	18.7	4,158	22.0	3,261	17.3	48	2.5
1966	126,840	10.9	195,669	16.8	3,765	18.9	4,325	22.1	3,354	17.1	50	2.5
1965	125,670	10.9	204,105	17.7	3,922	18.9	4,737	23.2	3,592	17.6	44	2.2
1964	123,845	10.8	[illegible]	19.1	4,258	19.1	5,029	23.0	3,869	17.7	62	2.8
1963	128,199	11.0	221,537	19.4	4,329	19.2	5,176	23.4	3,879	17.5	69	3.1
1962	122,969	10.8	226,393	19.5	4,398	19.1	5,370	23.7	4,135	18.2	60	2.7
1961	120,543	10.5	240,172	20.9	4,646	19.0	5,639	23.5	4,357	18.1	71	3.0
1960	121,103	10.7	241,099	21.3	4,525	18.4	5,921	24.6	4,557	18.9	76	3.2
1959	119,206	10.5	246,815	21.8	4,808	18.8	6,145	24.9	4,725	19.2	71	2.9
1958	116,380	10.7	249,810	22.5	4,901	19.2	6,380	25.5	4,918	19.7	86	3.4
1957	118,734	10.6	254,997	22.8	4,977	19.1	6,240	24.5	4,785	18.8	78	3.1
1956	114,570	10.3	248,019	22.3	4,861	19.2	6,066	24.5	4,667	18.8	90	3.6
1955	113,450	10.2	242,591	21.8	4,939	20.0	5,962	24.6	4,649	19.2	94	3.9
1954	108,763	10.0	245,521	22.5	4,931	19.7	6,123	24.9	4,686	19.1	103	4.2
1953	112,574	10.4	239,206	22.1	4,321	17.7	6,147	25.7	4,640	19.4	132	5.5
1952	111,150	10.4	239,904	22.4	4,504	18.7	6,273	26.1	4,589	19.1	147	6.1
1951	111,440	10.5	235,074	22.2	4,598	19.2	6,117	26.0	4,618	19.6	151	6.4
1950	110,214	10.5	221,635	21.1	4,418	19.5	6,126	27.6	4,578	20.6	170	7.7
1949	108,303	10.4	224,561	21.5	4,374	19.1	6,567	29.2	4,791	21.3	151	6.7
1948	109,202	10.5	227,227	21.9	4,369	18.9	6,462	28.4	4,670	20.6	229	10.1
1947	110,459	10.7	248,513	24.1	5,027	19.8	7,741	31.1	5,526	22.2	313	12.6
1946	107,663	10.5	218,370	21.3	4,639	20.8	7,196	33.0	5,259	24.1	332	15.2
1945	109,193	10.7	173,799	17.1	4,077	22.9	6,590	37.9	4,325	24.9	384	22.1
1944	110,333	10.9	178,370	17.6	4,493	24.6	7,136	40.0	4,558	25.6	454	25.5
1943	115,907	11.5	199,300	19.8	4,560	22.4	7,551	37.9	4,808	24.1	493	24.7
1942	110,174	11.0	197,177	19.7	4,878	24.1	7,527	38.2	5,045	25.6	530	26.9
1941	106,740	10.9	174,193	17.5	**	**	7,120	40.9	4,701	27.0	547	31.4
1940	111,977	11.3	165,456	16.7	**	**	7,408	44.7	**	**	537	32.5

* TOTAL DEATH AND LIVE BIRTH RATES PER 1,000 ESTIMATED MIDYEAR POPULATION.
FETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).
INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS.
MATERNAL DEATH RATE PER 10,000 LIVE BIRTHS.
**DATA NOT AVAILABLE.

Figure C-1 Live Birth and Death Rates, 1940-1979

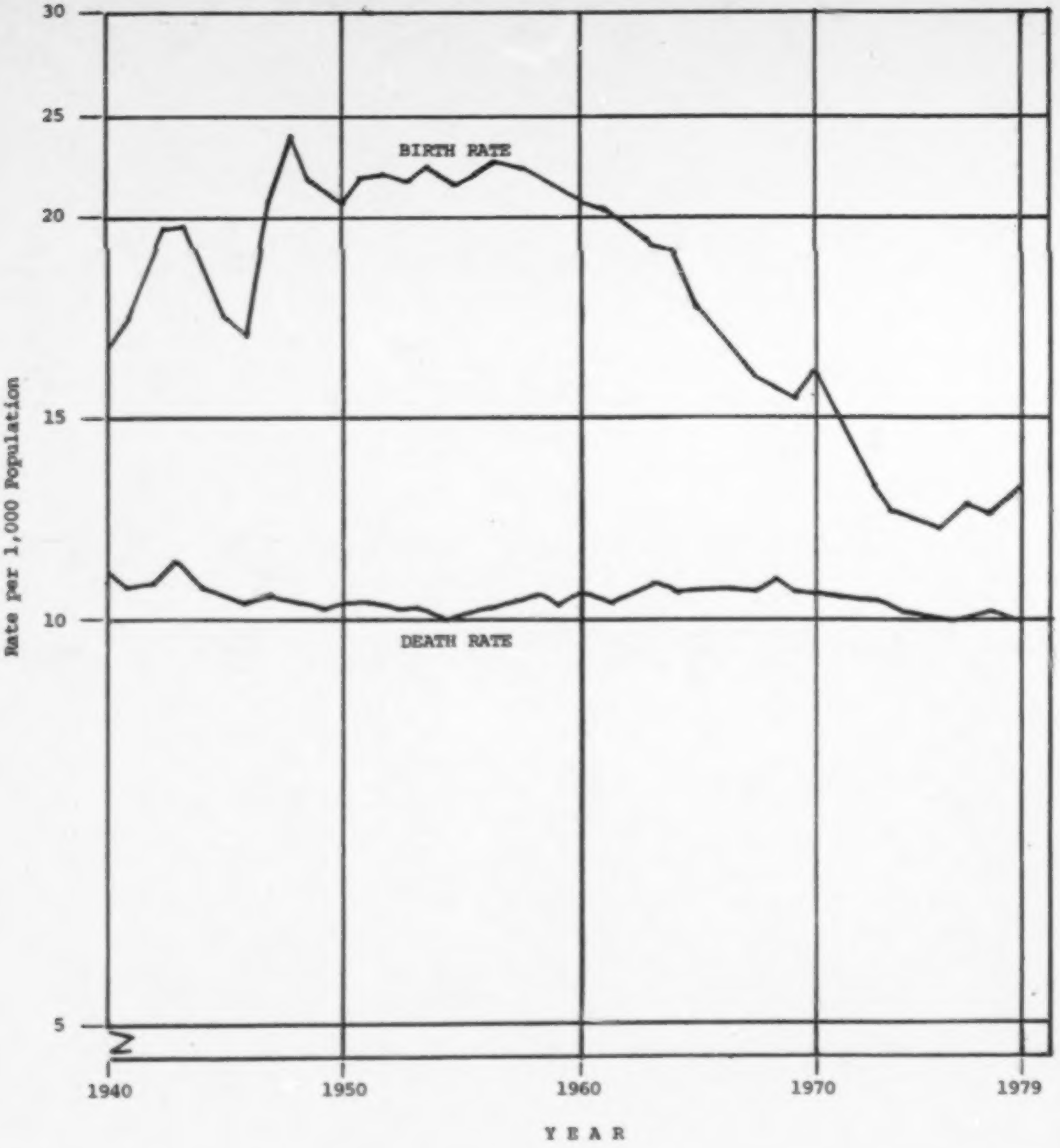


TABLE C-2
RESIDENT DEATHS BY AGE GROUP, NUMBER AND RATE:
PENNSYLVANIA, 1979, 1978, 1970, 1960, 1950, 1940

AGE GROUP (IN YEARS)	1979		1978		1970		1960		1950		1940	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AGES	117,097	10.0	119,279	10.2	126,564	10.7	121,163	10.7	110,212	10.5	111,977	11.3
UNDER 1	2,118	14.8	2,031	14.0	3,878	21.4	5,921	25.2	6,126	31.5	7,404	55.1
1-4	306	0.5	314	0.6	552	0.7	825	0.9	981	1.2	1,341	2.3
5-9	214	0.3	262	0.3	468	0.4	482	0.4	459	0.5	792	1.0
10-14	275	0.3	271	0.3	424	0.4	378	0.4	392	0.5	833	0.9
15-19	871	0.8	949	0.9	945	0.9	588	0.7	645	0.9	1,359	1.4
20-24	1,200	1.1	1,130	1.1	1,104	1.3	620	1.0	961	1.2	1,832	2.0
25-29	1,062	1.2	970	1.1	863	1.2	674	1.0	1,187	1.4	2,068	2.5
30-34	993	1.3	926	1.2	934	1.5	1,026	1.3	1,499	1.8	2,346	3.1
35-39	1,164	1.7	1,160	1.7	1,398	2.2	1,809	2.2	2,109	2.6	2,925	4.2
40-44	1,624	2.6	1,633	2.6	2,625	3.5	2,829	3.6	3,244	4.5	4,001	6.1
45-49	2,700	4.1	3,019	4.5	4,372	5.6	4,464	6.0	4,632	7.3	5,854	9.2
50-54	5,115	7.5	5,439	7.8	6,630	9.0	6,354	9.8	6,514	10.9	7,809	13.9
55-59	7,717	11.5	8,046	11.8	9,412	14.3	8,488	14.9	9,235	17.2	9,320	20.5
60-64	10,748	17.4	11,395	18.5	12,115	21.7	11,863	24.1	11,760	26.0	11,150	30.3
65-69	13,722	28.6	14,005	29.4	14,393	32.6	15,255	35.4	13,617	37.6	12,688	44.4
70-74	15,699	41.5	15,892	43.0	16,871	48.4	17,124	52.6	14,282	57.5	13,129	66.4
75 & OVER**	51,549	81.2	51,815	84.3	49,580	102.9	42,463	114.0	32,569	118.0	27,126	139.7

* RATE PER 1,000 MIDYEAR POPULATION IN EACH AGE GROUP.
**UNKNOWN AGES AT DEATH ARE INCLUDED IN THE 75 & OVER AGE GROUP.

Figure C-2 Infant and Neonatal Death Rates, 1940-1979

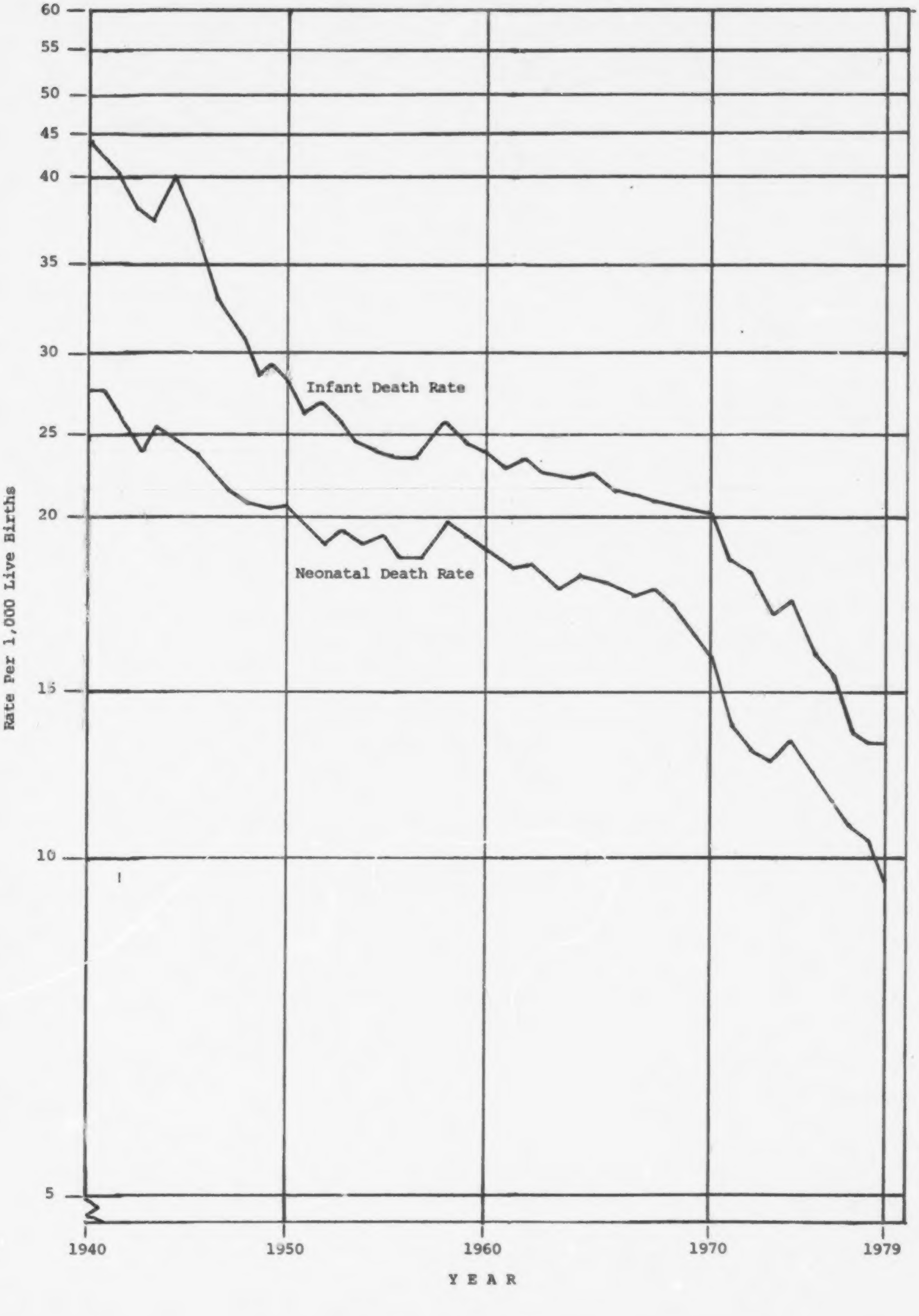


TABLE C-3
LEADING CAUSES OF DEATH:
PENNSYLVANIA, 1979, 1970, 1960, 1950, 1940, 1930, 1920

CAUSE OF DEATH	CODE NUMBER*	1979	RANK	1970	RANK	1960	RANK	1950	RANK	1940	RANK	1930	RANK	1920	RANK
ALL CAUSES		117,097		126,564		121,163		110,212		111,977		111,606		120,902	
HEART DISEASE....	390-398, 402,404-429	48,407	1	52,476	1	51,431	1	43,793	1	34,333	1	23,511	1	14,090	2
NEOPLASMS, MALIGNANT........	140-208	25,374	2	22,013	2	19,612	2	16,326	2	13,055	2	9,672	4	7,315	7
CEREBROVASCULAR DIS.......	430-438	9,132	3	12,573	3	12,632	3	11,043	3	8,857	4	8,619	5	7,453	6
ACCIDENTS, ALL FORMS........	800-949	4,777	4	5,336	4	4,866	4	5,697	4	7,206	5	8,337	6	7,600	5
DIABETES MELLITUS	250	2,383	5	2,819	6	2,779	8	2,418	10	3,617	9	2,159	9	1,430	
PNEUMONIA & INFLUENZA......	460-487	2,239	6	3,466	5	3,889	5	3,116	6	6,712	6	11,285	2	22,060	1
ATHEROSCLEROSIS...........	440	1,684	7	2,320	8	2,899	7	2,723	7	@		@		@	
LIVER DIS. & CIRRHOSIS.....	571	1,608	8	1,846	9	1,321	9	1,099		950		919		705	
SUICIDE..........	950-959	1,346	9	1,337	10	1,099		1,001		1,312		1,370		794	
PERINATAL CONDITIONS........	760-779	1,186	10	2,391	7	3,820	6	3,835	5	3,679	8	4,845	8	6,452	8
NEPHRITIS & NEPHROSIS......	580-589	1,017		530		938		2,498	8	9,728	3	9,880	3	8,669	4
CONGENITAL ANOMALIES.......	740-759	660		984		1,266	10	1,177		1,119		1,404	10	1,949	9
TUBERCULOSIS, ALL FORMS....	010-018	118		414		902		2,474	9	4,252	7	5,969	7	9,213	3
SYPHILIS & SEQUELAE.......	090-097	8		36		242		402		1,325	10	1,223		1,435	
DIPHTHERIA.......	032	0		0		1		7		44		504		1,733	10
ALL OTHER		17,158		16,750		12,579		11,875		15,788		21,909		30,004	

*INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975
@DATA NOT AVAILABLE.

Figure C-3 Deaths, Percent by Five Leading Causes, Pa., 1979

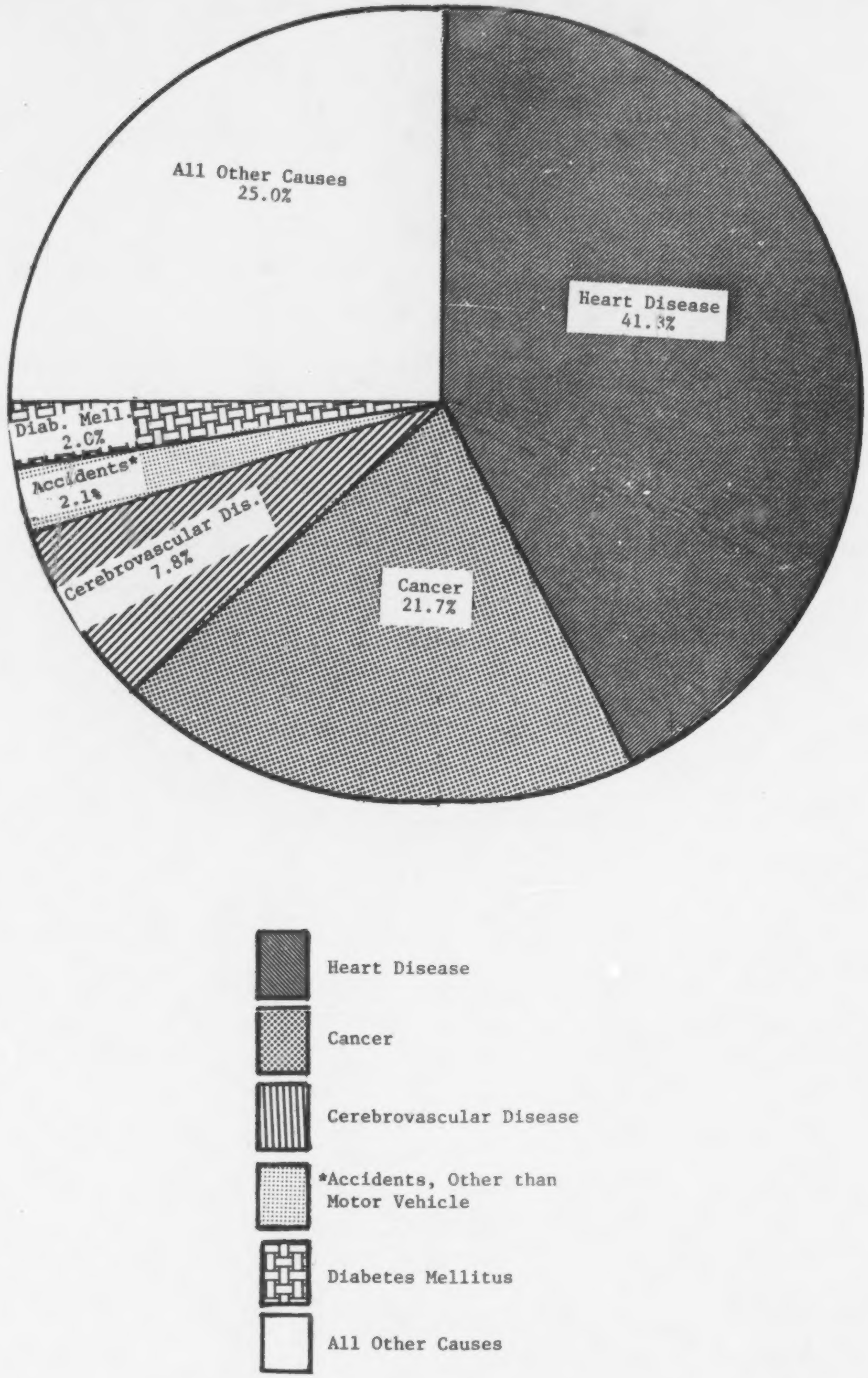


TABLE C-4a
LEADING CAUSES OF DEATH BY AGE GROUP, BOTH SEXES, NUMBER AND RANK: PENNSYLVANIA, 1979

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	117,097		2,424		2,560		4,863		26,280		61,084		19,861	
HEART DISEASE	48,407	1	51	6	74	6	780	2	9,692	1	27,243	1	10,558	1
MALIGNANT NEOPLASMS	25,374	2	34	7	186	5	875	1	8,369	2	13,805	2	2,103	3
CEREBROVASCULAR DISEASE	9,132	3	8		26	9	155	8	1,172	3	5,362	3	2,408	2
ACCIDENTS, OTHER THAN MOTOR VEHICLE	2,490	4	98	3	369	2	370	5	544	5	784	6	325	6
DIABETES MELLITUS	2,383	5	0		9		82	9	513	6	1,453	4	325	7
MOTOR VEHICLE ACCIDENTS	2,287	6	52	4	1,005	1	613	3	353	8	241		23	
PNEUMONIA AND INFLUENZA	2,239	7	52	5	28	8	68	10	297	9	1,108	5	685	5
ATHEROSCLEROSIS	1,684	8	0		0		3		60		758	7	863	4
LIVER DISEASE AND CIRRHOSIS	1,606	9	0		7		201	7	815	4	564		20	
SUICIDE	1,346	10	0		256	3	483	4	379	7	203		25	
PERINATAL CONDITIONS	1,186		1,186	1	0		0		0		0		0	
NEPHRITIS, NEPHROSIS, ETC.	1,017		4		11		32		167	10	607	10	196	8
AORTIC ANEURYSM	925		0		1		9		152		639	8	124	9
PNEUMOCONIOSIS	850		0		0		1		112		633	9	104	
HOMICIDE	760		19	9	204	4	350	6	128		47		11	
EMPHYSEMA	648		0		0		4		148		453		43	
CONGENITAL ANOMALIES	640		487	2	52	7	33		42		23		3	
SEPTICEMIA	560		15	10	9		19		101		298		118	10
BENIGN AND UNSPECIFIED NEOPLASMS	467		7		15	10	33		128		232		52	
HYPERTENSION	334		0		0		7		46		187		94	
ULCERS OF STOMACH AND DUODENUM	304		0		0		8		71		168		57	
HERNIA AND INTESTINAL OBSTRUCTION	286		4		2		6		35		144		95	
PARKINSON'S DISEASE	200		0		0		0		11		165		24	
ANEMIAS	199		2		11		6		22		95		63	
DISEASES OF PANCREAS	170		0		4		22		54		74		16	
BRONCHITIS, CHRONIC AND UNSPECIFIED	154		2		2		1		30		100		19	
VENOUS EMBOLISM AND THROMBOSIS	149		1		1		15		33		77		22	
GALL BLADDER DISORDERS	142		0		0		6		25		82		29	
ALCOHOLISM	140		0		1		37		82		20		0	
INFECTIONS OF KIDNEY	136		1		1		2		23		87		22	
TUBERCULOSIS	118		0		1		7		35		61		14	
NUTRITIONAL DEFICIENCIES	112		2		1		4		14		46		45	
MULTIPLE SCLEROSIS	91		0		1		21		53		16		0	
EPILEPSY	83		1		15		33		24		9		1	
MENINGITIS	76		31	8	3		6		16		17		3	
ALL OTHER CAUSES	10,400		367		265		571		2,534		5,283		1,371	

* ALL AGES INCLUDE UNKNOWN AGE AT DEATH AND UNKNOWN SEX AND/OR RACE.

TABLE C-4D
LEADING CAUSES OF DEATH BY AGE GROUP, MALES, NUMBER AND RANK: PENNSYLVANIA, 1979

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	62,537		1,360		1,891		3,243		16,698		32,361		6,972	
HEART DISEASE	25,099	1	30	5	47	6	607	1	7,019	1	13,939	1	3,455	1
MALIGNANT NEOPLASMS	13,616	2	20	7	104	5	395	3	4,460	2	7,673	2	964	2
CEREBROVASCULAR DISEASE	3,764	3	3		13	9	73	8	62[illegible]	3	2,380	3	686	3
ACCIDENTS, OTHER THAN MOTOR VEHICLE	1,609	5	61	3	306	2	302	5	388	5	432	8	120	6
DIABETES MELLITUS	946	9	0		6		52	9	253	7	552	6	83	8
MOTOR VEHICLE ACCIDENTS	1,708	4	35	4	794	1	473	2	241	8	150		15	
PNEUMONIA AND INFLUENZA	1,195	6	24	6	16	8	36	10	196	9	650	4	274	4
ATHEROSCLEROSIS	621		0		0		2		41		337		241	5
LIVER DISEASE AND CIRRHOSIS	1,107	7	0		5		149	7	584	4	359	9	10	
SUICIDE	1,006	8	0		210	3	356	4	267	6	154		19	
PERINATAL CONDITIONS	672		672	1	0		0		0		0		0	
NEPHRITIS, NEPHROSIS, ETC.	496		3		5		16		90		299		83	9
AORTIC ANEURISM	654		0		1		8		130	10	459	7	56	10
PNEUMOCONIOSIS	846	10	0		0		1		111		632	5	102	7
HOMICIDE	587		14	8	153	4	266	6	103		27		3	
EMPHYSEMA	488		0		0		2		105		346	10	35	
CONGENITAL ANOMALIES	345		260	2	30	7	20		21		14		0	
SEPTICEMIA	260		6	9	6		4		52		147		43	
BENIGN AND UNSPECIFIED NEOPLASMS	229		3		6	10	18		73		108		19	
HYPERTENSION	153		0		0		7		29		82		35	
ULCERS OF STOMACH AND DUODENUM	173		0		0		5		49		94		25	
HERNIA AND INTESTINAL OBSTRUCTION	110		4	10	2		3		15		57		29	
PARKINSON'S DISEASE	119		0		0		0		7		97		15	
ANEMIAS	90		1		5		2		9		49		24	
DISEASES OF PANCREAS	92		0		3		15		29		41		4	
BRONCHITIS, CHRONIC AND UNSPECIFIED	101		1		2		0		19		68		11	
VENOUS EMBOLISM AND THROMBOSIS	70		1		0		8		22		32		7	
GALL BLADDER DISORDERS	65		0		0		2		17		35		11	
ALCOHOLISM	106		0		1		25		63		17		0	
INFECTIONS OF KIDNEY	52		1		1		1		10		31		8	
TUBERCULOSIS	85		0		0		7		24		43		11	
NUTRITIONAL DEFICIENCIES	40		2		0		1		5		20		12	
MULTIPLE SCLEROSIS	33		0		0		9		19		5		0	
EPILEPSY	53		1		7		25		14		6		0	
MENINGITIS	34		13		2		4		9		5		1	
ALL OTHER CAUSES	5,891		203		166		327		1,596		3,021		571	

* ALL AGES INCLUDE UNKNOWN AGE AT DEATH.

TABLE C-4c
LEADING CAUSES OF DEATH BY AGE GROUP, FEMALES, NUMBER AND RANK: PENNSYLVANIA, 1979

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	54,550		1,057		669		1,620		9,582		28,722		12,887	
HEART DISEASE	23,307	1	21	5	27	6	173	2	2,673	2	13,304	1	7,102	1
MALIGNANT NEOPLASMS	11,757	2	14	6	82	2	480	1	3,909	1	6,132	2	1,138	3
CEREBROVASCULAR DISEASE	5,348	3	5	10	13	9	82	5	544	3	2,982	3	1,722	2
ACCIDENTS, OTHER THAN MOTOR VEHICLE	881	7	37	3	63	3	68	6	156	6	352	7	205	7
DIABETES MELLITUS	1,437	4	0		3		30	10	260	4	901	4	242	6
MOTOR VEHICLE ACCIDENTS	579	8	17	7	211	1	140	3	112	7	91		8	
PNEUMONIA AND INFLUENZA	1,044	6	28	4	14	8	32	9	101	9	458	5	411	5
ATHEROSCLEROSIS	1,063	5	0		0		1		19		421	6	622	4
LIVER DISEASE AND CIRRHOSIS	501		0		2		52	8	231	5	205	9	10	
SUICIDE	338		0		46	5	125	4	112	8	49		6	
PERINATAL CONDITIONS	511	10	511	1	0		0		0		0		0	
NEPHRITIS, NEPHROSIS, ETC.	521	9	1		6		16		77	10	308	8	113	8
AORTIC ANEURYSM	271		0		0		1		22		180	10	68	10
PNEUMOCONIOSIS	4		0		0		0		1		1		2	
HOMICIDE	173		5		51	4	64	7	25		20		8	
EMPHYSEMA	160		0		0		2		43		107		8	
CONGENITAL ANOMALIES	291		223	2	22	7	13		21		9		3	
SEPTICEMIA	300		7	9	3		15		49		151		75	9
BENIGN AND UNSPECIFIED NEOPLASMS	238		4		7		15		55		124		33	
HYPERTENSION	181		0		0		0		17		105		59	
ULCERS OF STOMACH AND DUODENUM	131		0		0		3		22		74		32	
HERNIA AND INTESTINAL OBSTRUCTION	176		0		0		3		20		87		66	
PARKINSON'S DISEASE	81		0		0		0		4		68		9	
ANEMIAS	109		1		6		4		13		46		39	
DISEASES OF PANCREAS	78		0		1		7		25		33		12	
BRONCHITIS, CHRONIC AND UNSPECIFIED	53		1		0		1		11		32		8	
VENOUS EMBOLISM AND THROMBOSIS	79		0		1		7		11		45		15	
GALL BLADDER DISORDERS	77		0		0		4		8		47		18	
ALCOHOLISM	34		0		0		12		19		3		0	
INFECTIONS OF KIDNEY	84		0		0		1		13		56		14	
TUBERCULOSIS	33		0		1		0		11		18		3	
NUTRITIONAL DEFICIENCIES	72		0		1		3		9		26		33	
MULTIPLE SCLEROSIS	58		0		1		12		34		11		0	
EPILEPSY	30		0		8	10	8		10		3		1	
MENINGITIS	42		18	6	1		2		7		12		2	
ALL OTHER CAUSES	4,508		164		99		244		938		2,261		800	

* ALL AGES INCLUDE UNKNOWN AGE AT DEATH.

TABLE C-4d
LEADING CAUSES OF DEATH BY AGE GROUP, WHITE POPULATION, NUMBER AND RANK: PENNSYLVANIA, 1979

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	106,630		1,878		2,237		3,808		23,023		56,645		19,021	
HEART DISEASE	45,663	1	40	6	61	6	650	2	8,920	1	25,798	1	10,188	1
MALIGNANT NEOPLASMS	23,047	2	34	7	162	4	756	1	7,427	2	12,684	2	1,982	3
CEREBROVASCULAR DISEASE	8,340	3	4	10	16	9	110	8	958	3	4,938	3	2,314	2
ACCIDENTS, OTHER THAN MOTOR VEHICLE	2,188	4	64	3	327	2	310	5	457	5	722	7	308	7
DIABETES MELLITUS	2,182	5	0		7		75	9	450	6	1,340	4	309	6
MOTOR VEHICLE ACCIDENTS	2,168	6	49	4	975	1	578	3	316	8	230		20	
PNEUMONIA AND INFLUENZA	2,009	7	42	5	19	8	49	10	231	9	1,006	5	661	5
ATHEROSCLEROSIS	1,632	8	0		0		3		55		728	6	846	4
LIVER DISEASE AND CIRRHOSIS	1,398	9	0		7		129	7	706	4	535	10	20	
SUICIDE	1,227	10	0		232	3	419	4	357	7	194		25	
PERINATAL CONDITIONS	900		900	1	0		0		0		0		0	
NEPHRITIS, NEPHROSIS, ETC.	875		3		6		23		135		528		180	8
AORTIC ANEURYSM	889		0		1		9		139		616	9	124	9
PNEUMOCONIOSIS	840		0		0		1		111		625	8	103	
HOMICIDE	364		9		99	5	144	6	64		38		9	
EMPHYSEMA	617		0		0		4		140	10	431		42	
CONGENITAL ANOMALIES	551		411	2	47	7	32		37		21		3	
SEPTICEMIA	456		11	8	9		12		75		241		108	10
BENIGN AND UNSPECIFIED NEOPLASMS	428		7	9	14	10	25		117		216		49	
HYPERTENSION	303		0		0		6		39		166		92	
ULCERS OF STOMACH AND DUODENUM	280		0		0		8		60		157		55	
HERNIA AND INTESTINAL OBSTRUCTION	254		4		2		5		27		123		93	
PARKINSON'S DISEASE	194		0		0		0		11		159		24	
ANEMIAS	174		2		5		3		19		87		58	
DISEASES OF PANCREAS	146		0		2		11		47		72		14	
BRONCHITIS, CHRONIC AND UNSPECIFIED	148		2		2		1		28		98		17	
VENOUS EMBOLISM AND THROMBOSIS	133		1		1		11		29		69		22	
GALL BLADDER DISORDERS	129		0		0		6		23		72		28	
ALCOHOLISM	90		0		1		11		61		17		0	
INFECTIONS OF KIDNEY	126		1		1		2		20		82		20	
TUBERCULOSIS	94		0		0		3		26		53		12	
NUTRITIONAL DEFICIENCIES	88		2		1		3		6		36		40	
MULTIPLE SCLEROSIS	80		0		1		17		48		14		0	
EPILEPSY	64		1		11		28		15		8		1	
MENINGITIS	56		21		3		4		10		15		3	
ALL OTHER CAUSES	8,497		270		225		360		1,859		4,526		1,251	

* ALL AGES INCLUDE UNKNOWN AGE AT DEATH.

TABLE C-4e
LEADING CAUSES OF DEATH BY AGE GROUP, NON-WHITE POPULATION, NUMBER AND RANK: PENNSYLVANIA, 1979

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	10,287		532		318		1,049		3,209		4,357		818	
HEART DISEASE	2,682	1	11	4	13	6	128	2	754	2	1,419	1	356	1
MALIGNANT NEOPLASMS	2,282	2	0		23	4	119	3	925	1	1,096	2	119	2
CEREBROVASCULAR DISEASE	777	3	4	7	10	7	45	7	210	3	416	3	92	3
ACCIDENTS, OTHER THAN MOTOR VEHICLE	301	5	33	3	42	2	60	6	87	5	62	7	17	5
DIABETES MELLITUS	197	9	0		2		7		62	8	111	4	15	7
MOTOR VEHICLE ACCIDENTS	117		3	9	28	3	35	8	37	9	11		3	
PNEUMONIA AND INFLUENZA	226	7	10	5	8	8	19	10	65	6	100	5	24	4
ATHEROSCLEROSIS	51		0		0		0		5		30	9	16	6
LIVER DISEASE AND CIRRHOSIS	208	8	0		0		72	4	108	4	28	10	0	
SUICIDE	112		0		23	5	61	5	20		8		0	
PERINATAL CONDITIONS	279	6	279	1	0		0		0		0		0	
NEPHRITIS, NEPHROSIS, ETC.	140	10	1	10	5	10	9		32	10	78	6	15	8
AORTIC ANEURYSM	35		0		0		0		12		23		0	
PNEUMOCONIOSIS	7		0		0		0		1		6		0	
HOMICIDE	395	4	10	6	105	1	205	1	64	7	9		2	
EMPHYSEMA	30		0		0		0		8		21		1	
CONGENITAL ANOMALIES	84		71	2	5		1		5		2		0	
SEPTICEMIA	104		4	8	0		7		26		57	8	10	9
BENIGN AND UNSPECIFIED NEOPLASMS	38		0		1		8		11		15		3	
HYPERTENSION	31		0		0		1		7		21		2	
ULCERS OF STOMACH AND DUODENUM	24		0		0		0		11		11		2	
HERNIA AND INTESTINAL OBSTRUCTION	32		0		0		1		8		21		2	
PARKINSON'S DISEASE	5		0		0		0		0		5		0	
ANEMIAS	25		0		6	9	3		3		8		5	10
DISEASES OF PANCREAS	24		0		2		11		7		2		2	
BRONCHITIS, CHRONIC AND UNSPECIFIED	6		0		0		0		2		2		2	
VENOUS EMBOLISM AND THROMBOSIS	16		0		0		4		4		8		0	
GALL BLADDER DISORDERS	13		0		0		0		2		10		1	
ALCOHOLISM	50		0		0		26	9	21		3		0	
INFECTIONS OF KIDNEY	10		0		0		0		3		5		2	
TUBERCULOSIS	24		0		1		4		9		8		2	
NUTRITIONAL DEFICIENCIES	24		0		0		1		8		10		5	
MULTIPLE SCLEROSIS	11		0		0		4		5		2		0	
EPILEPSY	19		0		4		5		9		1		0	
MENINGITIS	20		10		0		2		6		2		0	
ALL OTHER CAUSES	1,888		96		40		211		672		746		120	

* ALL AGES INCLUDE UNKNOWN AGE AT DEATH.

TABLE C-5
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979

CAUSE OF DEATH	CODE NO.	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
ALL CAUSES	001-999	117,097	998.2
INFECTIOUS AND PARASITIC DISEASES	001-139	842	7.2
Intestinal infectious diseases	001-009	20	0.2
Tuberculosis	010-018	118	1.0
Tuberculosis of respiratory system	010-012	103	0.9
Other tuberculosis	013-018	15	0.1
Zoonotic bacterial diseases	020-027	2	0.0
Other bacterial diseases	030-041	593	5.1
Septicemia	038	560	4.8
Other bacterial diseases	030-037,039-041	33	0.3
Poliomyelitis and other non-arthropod viral diseases of the central nervous system	045-049	13	0.1
Viral diseases accompanied by exanthem	050-057	9	0.1
Arthropod-borne viral diseases	060-066	0	-
Other diseases due to viruses and chlamydiae	070-079	26	0.2
Rickettsioses and other arthropod-borne diseases	080-088	0	-
Syphilis and other venereal diseases	090-099	8	0.1
Other spirochetal diseases	100-104	1	0.0
Mycoses	110-118	18	0.2
Helminthiases	120-129	3	0.0
Other infectious and parasitic diseases	130-136	30	0.3
Late effects of infectious and parasitic diseases	137-139	1	0.0
NEOPLASMS	140-239	25,841	220.3
Malignant neoplasm of lip, oral cavity and pharynx	140-149	467	4.0
Of tongue	141	136	1.2
Of major salivary glands	142	31	0.3
Of floor of mouth	144	27	0.2
Of other and unspecified parts of mouth	140,143,145	76	0.6
Of oropharynx	146	54	0.5
Of nasopharynx	147	35	0.3
Of hypopharynx	148	35	0.3
Of other and ill-defined sites within the lip, oral cavity and pharynx	149	73	0.6
Malignant neoplasm of digestive organs and peritoneum	150-159	7,201	61.4
Of esophagus	150	515	4.4
Of stomach	151	939	8.0
Of small intestine, including duodenum	152	37	0.3
Of colon	153	2,896	24.7
Of rectum,rectosigmoid junction and anus	154	665	5.7
Of liver and intrahepatic bile ducts	155	343	2.9
Of gall bladder and extrahepatic bile ducts	156	319	2.7
Of pancreas	157	1,190	10.1
Of retroperitoneum and peritoneum	158	41	0.3
Of other and ill-defined sites within the digestive organs and peritoneum	159	256	2.2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-5
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA 1979 (CONT'D)

CAUSE OF DEATH	CODE NO.	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Malignant neoplasm of respiratory and intrathoracic organs	160-165	6,167	52.6
Of nasal cavities, middle ear, and accessory sinuses	160	32	0.3
Of larynx	161	241	2.1
Of trachea, bronchus, and lung	162	5,847	49.8
Of pleura	163	29	0.2
Of thymus, heart and mediastinum	164	17	0.1
Of other and ill-defined sites within the respiratory system and intrathoracic organs	165	1	0.0
Malignant neoplasm of bone, connective tissue, and breast	170-175	2,777	23.7
Of bone and articular cartilage	170	46	0.4
Of connective and other soft tissue	171	161	1.4
Malignant melanoma of skin	172	270	2.3
Other malignant neoplasm of skin	173	90	0.8
Of female breast	174	2,199	18.7
Of male breast	175	11	0.0
Malignant neoplasm of genitourinary organs	179-189	3,826	32.6
Of uterus,part unspecified	179	203	1.7
Of cervix uteri	180	250	2.1
Of body of uterus	182	163	1.4
Of ovary and other uterine adnexa	183	652	5.6
Of other and unspecified female genital organs	184	39	0.3
Of prostate	185	1,429	12.2
Of testis	186	33	0.3
Of penis and other male genital organs	187	12	0.1
Of bladder	188	614	5.2
Of kidney and other and unspecified urinary organs	189	431	3.7
Malignant neoplasm of other and unspecified sites	190-199	2,721	23.2
Of brain and other parts of nervous system	191-192	488	4.2
Of thyroid gland	193	68	0.6
Of other endocrine glands and related structures	194	28	0.2
Of other and unspecified sites	190,195-199	2,137	18.2
Malignant neoplasm of lymphatic and hematopoietic tissue	200-208	2,215	18.9
Lymphosarcoma and reticulosarcoma	200	316	2.7
Hodgkin's disease	201	139	1.2
Other malignant neoplasm of lympoid and histiocytic tissue	202	430	3.7
Multiple myeloma and immunoproliferative neoplasms	203	389	3.3
Lymphoid leukemia	204	260	2.2
Myeloid leukemia	205	463	3.9
Other specified leukemia	206,207	36	0.3
Leukemia of unspecified cell type	208	182	1.6

*INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-5
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Benign neoplasms	210-229	69	0.6
Of brain and other parts of nervous system	225	38	0.3
Other benign neoplasms	210-224,226-229	31	0.3
Carcinoma in situ	230-234	0	-
Neoplasms of uncertain behavior	235-238	88	0.8
Neoplasms of unspecified nature	239	310	2.6
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND AND IMMUNITY DISORDERS	240-279	2,936	25.0
Disorders of thyroid gland	240-246	50	0.4
Acquired hypothyroidism	244	36	0.3
Other disorders of thyroid gland	240-243,245-246	14	0.1
Diseases of other endocrine glands	250-259	2,431	20.7
Diabetes mellitus	250	2,383	20.3
Other endocrine disorders	251-259	48	0.4
Nutritional deficiencies	260-269	112	1.0
Protein-calorie malnutrition	260-263	109	0.9
Other nutritional deficiencies	264-269	3	0.0
Other metabolic disorders and immunity disorders	270-279	343	2.9
Disorders of fluid, electrolyte and acid-base balance	276	180	1.5
Obesity and other hyperalimentation	278	56	0.5
Other metabolic disorders and immunity disorders	270-275,277,279	107	0.9
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	389	3.3
Hemolytic anemias	282-283	32	0.3
Aplastic anemia	284	68	0.6
Other and unspecified anemias	285	80	0.7
Coagulation defects	286	49	0.4
Purpura and other hemorrhagic conditions	287	43	0.4
Other diseases of blood and blood-forming organs	280-281,288-289	117	1.0
MENTAL DISORDERS	290-319	478	4.1
Organic psychotic conditions	290-294	60	0.5
Senile and presenile organic psychotic conditions	290	44	0.4
Other organic psychotic conditions	291-294	16	0.1
Other psychoses	295-299	19	0.2
Neurotic disorders, personality disorders, and other nonpsychotic mental disorders	300-316	388	3.3
Alcohol dependence syndrome	303	140	1.2
Specific nonpsychotic mental disorders following organic brain damage	310	201	1.7
Other nonpsychotic mental disorders	300-302,304-309,311-316	47	0.4
Mental retardation	317-319	11	0.1

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-5
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CAUSE OF DEATH	CODE NO.	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	1,104	9.4
Inflammatory diseases of the central nervous system	320-326	109	0.9
Bacterial meningitis	320	46	0.4
Meningitis due to other and unspecified cause	321-322	30	0.3
Other inflammatory diseases of the central nervous system	323-326	33	0.3
Hereditary and degenerative diseases of the central nervous system	330-337	539	4.6
Cerebral degenerations	330-331	143	1.2
Parkinson's disease	332	200	1.7
Anterior horn cell disease	335	160	1.4
Other hereditary and degenerative diseases of the central nervous system	333-334,336-337	36	0.3
Other disorders of the central nervous sytem	340-349	393	3.4
Multiple sclerosis	340	91	0.8
Infantile cerebral palsy	343	25	0.2
Other paralytic syndromes	344	29	0.2
Epilepsy	345	83	0.7
Other and unspecified disorders of the nervous system	341-342,346-349	165	1.4
Disorders of the peripheral nervous sytem	350-359	57	0.5
Muscular dystrophies and other myopathies	359	29	0.2
Other disorders of the peripheral nervous system	350-358	28	0.2
Disorders of the eye and adnexa	360-379	1	0.0
Disorders of the ear and mastoid process	380-389	5	0.0
DISEASES OF THE CIRCULATORY SYSTEM	390-459	61,070	520.6
Active rheumatic fever	390-392	8	0.1
Chronic rheumatic heart disease	393-398	587	5.0
Diseases of mitral valve	394	215	1.8
Diseases of aortic valve	395	48	0.4
Diseases of mitral and aortic valves	396	83	0.7
Diseases of other endocardial structures	397	41	0.3
Other rheumatic heart disease	393,398	200	1.7
Hypertensive disease	401-405	1,757	15.0
Essential hypertension	401	108	0.9
Hypertensive heart disease	402	1,234	10.5
Hypertensive renal disease	403	226	1.9
Hypertensive heart and renal disease	404	189	1.6
Secondary hypertension	405	0	-
Ischemic heart disease	410-414	34,643	295.3
Acute myocardial infarction	410	20,589	175.5
Other acute and subacute form of ischemic heart disease	411	168	1.4
Old myocardial infarction	412	69	0.6
Other forms of chronic ischemic heart disease	413-414	13,817	117.8

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-5
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Diseases of pulmonary circulation	415-417	763	6.5
Acute pulmonary heart disease	415	699	6.0
Chronic pulmonary heart disease	416	61	0.5
Other diseases of pulmonary circulation	417	3	0.0
Other forms of heart disease	420-429	10,983	93.6
Acute pericarditis and other diseases of pericardium	420,423	17	0.1
Acute and subacute endocarditis	421	66	0.6
Other diseases of endocardium	424	411	3.5
Cardiomyopathy	425	545	4.6
Conduction disorders	426	47	0.4
Cardiac dysrhythmias	427	2,113	18.0
Heart failure	428	1,868	15.9
Other and ill-defined heart disease	422,429	5,916	50.4
Cerebrovascular disease	430-438	9,132	77.8
Subarachnoid hemorrhage	430	388	3.3
Intracerebral hemorrhage	431	1,175	10.0
Other and unspecified intracranial hemorrhage	432	38	0.3
Occlusion and stenosis of precerebral arteries	433	116	1.0
Occlusion of cerebral arteries	434	2,058	17.5
Transient cerebral ischemia	435	21	0.2
Acute but ill-defined cerebrovascular disease	436	4,402	37.5
Other and ill-defined cerebrovascular disease	437	895	7.6
Late effects of cerebrovascular disease	438	39	0.3
Diseases of arteries, arterioles, and capillaries	440-448	2,945	25.1
Atherosclerosis	440	1,684	14.4
Aortic aneurysm	441	925	7.9
Other aneurysm	442	39	0.3
Other peripheral vascular disease	443	99	0.8
Arterial embolism and thrombosis	444	98	0.8
Polyarteritis nodosa and allied conditions	446	42	0.4
Other disorders of arteries and arterioles	447	56	0.5
Diseases of capillaries	448	2	0.0
Diseases of veins and lymphatics, and other diseases circulatory system	451-459	252	2.1
Phlebitis and thrombophlebitis	451	114	1.0
Other venous embolism and thrombosis	452-453	35	0.3
Varicose veins	454-456	30	0.3
Hypotension	458	22	0.2
Other disorders of circulatory system	457,459	51	0.4
DISEASES OF THE RESPIRATORY SYSTEM	460-519	6,670	[illegible]
Acute respiratory infections	460-466	46	0.4
Acute bronchitis and bronchiolitis	466	30	0.3
Other acute respiratory infections	460-465	16	0.1
Other diseases of upper respiratory tract	470-478	9	0.1
Pneumonia and influenza	480-487	2,239	19.1
Viral pneumonia	480	28	0.2
Pneumococcal pneumonia	481	120	1.0
Other bacterial pneumonia	482	60	0.5
Bronchopneumonia, organism unspecified	485	500	4.3
Pneumonia, other and unspecified	483,484,486	1,521	13.0
Influenza	487	10	0.1

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-5
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CAUSE OF DEATH	CODE NO.	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Chronic obstructive pulmonary disease and allied conditions	490-496	2,827	24.1
Chronic bronchitis	491	136	1.2
Emphysema	492	648	5.5
Asthma	493	110	0.9
Bronchiectasis	494	31	0.3
Other chronic obstructive pulmonary diseases or condition	490,495-496	1,902	16.2
Pneumoconioses and other lung diseases due to external agents	500-508	1,030	8.8
Coalworker's pneumoconiosis	500	734	6.3
Asbestosis and pneumoconiosis due to other silica or silicates	501-502	42	0.4
Pneumoconiosis, other and unspecified	503-505	74	0.6
Pneumonitis due to solids and liquids	507	179	1.5
Respiratory conditions due to other and unspecified external agents	506,508	1	0.0
Other diseases of respiratory system	510-519	519	4.4
Pleurisy	511	31	0.3
Abscess of lung and mediastinum	513	30	0.3
Pulmonary congestion and hypostasis	514	36	0.3
Postinflammatory pulmonary fibrosis	515	124	1.1
Other alveolar and parietoalveolar pneumopathy	516	26	0.2
Other diseases of the lung	510,512,517-518	247	2.1
Other diseases of respiratory system	519	23	0.2
DISEASES OF THE DIGESTIVE SYSTEM	520-579	4,060	34.6
Diseases of oral cavity, salivary glands and jaws	520-529	6	0.1
Diseases of esophagus, stomach and duodenum	530-537	417	3.6
Diseases of esophagus	530	55	0.5
Gastric ulcer	531	126	1.1
Duodenal ulcer	532	97	0.8
Peptic ulcer, site unspecified	533	81	0.7
Other disorders of stomach and duodenum	534-537	58	0.5
Appendicitis	540-543	47	0.4
Acute appendicitis	540	46	0.4
Other appendicitis and diseases of appendix	541-543	1	0.0
Hernia of abdominal cavity	550-553	65	0.6
Noninfective enteritis and colitis	555-558	345	2.9
Idiopathic proctocolitis	556	29	0.2
Vascular insufficiency of intestine	557	258	2.2
Other noninfective gastroenteritis and colitis	555,558	58	0.5
Other diseases of intestines and peritoneum	560-569	579	4.9
Intestinal obstruction without mention of hernia	560	221	1.9
Diverticula of intestine	562	164	1.4
Peritonitis	567	74	0.6
Other disorders of peritoneum	568	12	0.1
Other disorders of intestine	564-566,569	108	0.9

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-5
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Other diseases of digestive system	570-579	2,601	22.2
Acute and subacute necrosis of liver	570	31	0.3
Chronic liver disease and cirrhosis	571	1,608	13.7
Liver abcess and sequelae of chronic liver disease	572	195	1.7
Other disorders of liver	573	61	0.5
Cholelithiasis	574	50	0.4
Other disorders of gall bladder	575	92	0.8
Other disorders of biliary tract	576	54	0.5
Diseases of pancreas	577	170	1.4
Gastrointestinal hemorrhage	578	330	2.8
Intestinal malabsorption	579	10	0.1
DISEASES OF THE GENITOURINARY SYSTEM	580-629	1,596	13.6
Nephritis, nephrotic syndrome and nephrosis	580-589	1,017	8.7
Chronic glomerulonephritis	582	77	0.7
Nephritis and nephropathy, not specified as acute or chronic	583	31	0.3
Acute renal failure	584	173	1.5
Chronic renal failure	585	233	2.0
Renal failure, unspecified	586	475	4.0
Other renal disorders	580-581,587-589	28	0.2
Other diseases of urinary system	590-599	515	4.4
Infections of kidney	590	136	1.2
Calculus of kidney and ureter	592	29	0.2
Other disorders of kidney and ureter	591,593	68	0.6
Other disorders of urethra and urinary tract	594-599	282	2.4
Diseases of male genital organs	600-608	51	0.4
Hyperplasia of prostate	600	34	0.3
Other disorders of male genital organs	601-608	17	0.1
Disorders of the breast	610-611	0	-
Inflammatory diseases of female pelvic organs	614-616	7	0.1
Other disorders of female genital tract	617-629	6	0.1
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	630-676	12	0.8**
Pregnancy with abortive outcome	630-639	4	0.3**
Induced abortion	635-636	0	-
Other abortion, ectopic, and molar pregnancies	630-634,637-639	4	0.3**
Complications mainly related to pregnancy	640-648	2	0.1**
Other indications for care in pregnancy, labor and delivery	650-659	0	0.0**
Complications occurring mainly in the course of labor and delivery	660-669	2	0.1**
Complications of the puerperium	670-676	4	0.3**

* INTERNATIONAL CLASSIFICATION OF DISEASE, NINTH REVISION, 1975.
**MATERNAL DEATH RATES ARE PER 10,000 LIVE BIRTHS.

TABLE C-5
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CAUSE OF DEATH	CODE NO.	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	200	1.7
Infections of skin and subcutaneous tissue	680-686	39	0.3
Cellulitis and abscess	680-682	27	0.2
Other infections of skin and subcutaneous tissue	683-686	12	0.1
Other inflammatory conditions of skin and subcutaneous tissue	690-698	13	0.1
Other diseases of skin and subcutaneous tissue	700-709	148	1.3
Chronic ulcer of skin	707	147	1.3
Other diseases of skin and subcutaneous tissue	700-706,708-709	1	0.0
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	710-739	296	2.5
Arthropathies and related disorders	710-719	224	1.9
Diffuse diseases of connective tissue	710	117	1.0
Rheumatoid arthritis and other inflammatory polyarthropathies	714	64	0.5
Other arthropathies and related disorders	711-713,715-719	43	0.4
Dorsopathies	720-724	7	0.1
Rheumatism, excluding back	725-729	13	0.1
Osteopathies, chondropathies and acquired musculoskeletal deformities	730-739	52	0.4
CONGENITAL ANOMALIES	740-759	640	5.5
Anencephalus and similar anomalies	740	36	0.3
Spina bifida and other congenital anomalies of nervous system	741-742	70	0.6
Bulbus cordis anomalies and anomalies of cardiac septal closure	745	85	0.7
Other congenital anomalies of heart	746	143	1.2
Other congenital anomalies of circulatory system	747	58	0.5
Congenital anomalies of respiratory system	748	44	0.4
Congenital anomalies of genitourinary system	752-753	36	0.3
Congenital musculoskeletal anomalies	754-756	42	0.4
Chromosomal anomalies	758	31	0.3
Other and unspecified congenital anomalies	743-744,749-751,757,759	95	0.8
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (See Table C-6 for details.)	760-779	1,186	10.1
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	2,635	22.5
Symptoms	780-789	86	0.7
Symptoms involving cardiovascular system	785	54	0.5
Other symptoms	780-784,786-789	32	0.3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-5

RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CAUSE OF DEATH	CODE NO.	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Nonspecified abnormal findings	790-796	2	0.0
Ill-defined and unknown causes of mortality	797-799	2,547	21.7
Senility without mention of psychosis	797	29	0.2
Sudden death, cause unknown	798	225	1.9
Other ill-defined and unknown cause of mortality	799	2,293	19.5
EXTERNAL CAUSES OF INJURY AND POISONING	800-999	7,142	60.9
Railway accidents	800-807	25	0.2
Motor vehicle traffic accidents	810-819	2,253	19.2
Involving collision with another motor vehicle	811-812	750	6.4
Involving collision with another vehicle	810,813	56	0.5
Involving collision with pedestrian	814	406	3.5
Other involving collision on the highway	815	326	2.8
Due to loss of control, without collision on the highway	816	275	2.3
Other noncollision	817-818	34	0.3
Unspecified nature	819	406	3.5
Motor vehicle nontraffic accidents	820-825	34	0.3
Other road vehicle accidents	826-829	12	0.1
Water transport accidents	830-838	31	0.3
Air and space transport accidents	840-845	48	0.4
Accident due to powered aircraft	840-841	47	0.4
Other air and space transport accidents	842-845	1	0.0
Vehicle accidents not elsewhere classifiable	846-848	2	0.0
Accidental poisoning by drugs, medicaments, and biologicals	850-858	81	0.7
Accidental poisoning by other solid and liquid substances, gases, and vapors	860-869	107	0.9
Accidental poisoning by utility gas and other carbon monoxide	868	75	0.6
Accidental poisoning by other solid and liquid substances, gases, and vapors	860-867,869	32	0.3
Misadventure to patients during surgical and medical care	870-876	40	0.3
Accidental cut, puncture, perforation or hemorrhage during medical care	870	28	0.2
Other and unspecified misadventure during medical care	871-876	12	0.1
Surgical and medical procedures as the cause of abnormal reaction of patient or later complication without mention of misadventure at the time of procedure	878-879	220	1.9
Surgical operation and other surgical procedures	878	203	1.7
Other procedures	879	17	0.1
Accidental falls	880-888	801	6.8
Fall on or from stairs or steps	880	167	1.4
Fall from or out of building or other structure	882	40	0.3
Other fall from one level to another	881,883-884	89	0.8
Fracture, cause unspecified	887	219	1.9
Other and unspecified fall	885-886,888	286	2.4

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-5
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CAUSE OF DEATH	CODE NO.	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Accidents caused by fire and flames	890-899	314	2.7
Conflagration in private dwelling	890	255	2.2
Other accident caused by fire and flames	891-899	59	0.5
Accidents due to natural and environmental factors	900-909	47	0.4
Excessive cold	901	29	0.2
Other accidents due to natural and environmental factors	900,902-909	18	0.2
Accidents caused by submersion, suffocation and foreign bodies	910-915	353	3.0
Accidental drowning and submersion	910	150	1.3
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation	911	109	0.9
Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation	912	54	0.5
Accidental mechanical suffocation	913	38	0.3
Foreign body accidentally entering oriface	914-915	2	0.0
Other accidents	916-928	380	3.2
Struck accidentally by falling object	916	53	0.5
Accidents caused by machinery	919	65	0.6
Accidents caused by firearm missle	922	60	0.5
Accidents caused by electric current	925	33	0.3
Other and unspecified causes	917-918,920-921 923-924,926-928	169	1.4
Late effects of accidental injury	929	15	0.1
Drugs, medicaments and biological substances causing adverse effects in therapeutic use	930-949	14	0.1
Suicide	950-959	1,346	11.5
By solid or liquid substances	950	164	1.4
By gases and vapors	951-952	138	1.2
By hanging, strangulation and suffocation	953	230	2.0
By submersion (drowning)	954	44	0.4
By firearms and explosives	955	653	5.6
By jumping from high place	957	59	0.5
By other and unspecified means and late effects	956,958-959	58	0.5
Homicide	960-969	748	6.4
Assault by hanging and strangulation	963	28	0.2
Assault by firearms and explosives	965	443	3.8
Assault by cutting and piercing instrument	966	155	1.3
Other injuries and late effects	960-962,964,967-969	122	1.0
Legal intervention	970-978	12	0.1
Injury undetermined whether accidentally or purposely inflicted	980-989	257	2.2
Poisoning by solid or liquid substance	980	96	0.8
Poisoning by gases	981-982	28	0.2
Submersion (drowning)	984	39	0.3
Injury by firearms and explosives	985	31	0.3
Other injuries and late effects	983,986-989	63	0.5
Injury resulting from operations of war	990-999	2	0.0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT INFANT DEATHS, BY CAUSE AND AGE AT DEATH, NUMBER AND RATE: PENNSYLVANIA, 1979

CAUSE OF DEATH	CODE NO.*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
ALL CAUSES	001-999	2,118	13.4	886	423	239	570
INFECTIOUS AND PARASITIC DISEASES	001-139	21	0.1	1	0	2	18
Septicemia	038	12	0.1	1	0	1	10
NEOPLASMS	140-239	10	0.1	0	3	0	7
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS	240-279	12	0.1	0	2	1	9
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	3	0.0	0	1	0	2
MENTAL DISORDERS	290-319	0	-	0	0	0	0
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	41	0.3	0	4	7	30
Meningitis	320-322	20	0.1	0	4	5	11
DISEASES OF THE CIRCULATORY SYSTEM	390-459	50	0.3	12	12	4	22
Cardiac dysrhythmias	427	25	0.2	7	9	1	8
DISEASAS OF THE RESPIRATORY SYSTEM	460-519	62	0.4	3	2	8	49
Pneumonia	480-486	40	0.3	1	2	6	31
DISEASES OF THE DIGESTIVE SYSTEM	520-579	18	0.1	0	2	1	15
Noninfective enteritis and colitis	555-558	8	0.1	0	1	0	7
DISEASES OF THE GENITOURINARY SYSTEM	580-629	6	0.0	0	1	1	4
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	0	-	0	0	0	0
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	710-739	1	0.0	0	0	0	1
CONGENITAL ANOMALIES	740-759	426	2.7	156	89	57	124
Anencephalus and similar anomalies	740	35	0.2	29	3	1	2
Spina bifida	741	13	0.1	1	2	4	6
Other congenital anomalies of nervous system and sense organs	742-744	28	0.2	10	6	2	10
Congenital hydrocephalus	742.3	13	0.1	6	2	2	3
Bulbus cordis anomalies and anomalies of cardiac closure	745	37	0.2	3	5	9	20
Transposition of great vessels	745.1	12	0.1	2	4	2	4
Tetralogy of fallot	745.2	7	0.0	0	0	3	4

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-6
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH, NUMBER AND PERCENT: PENNSYLVANIA, 1979 (CONT'D)

		INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
CAUSE OF DEATH	CODE NO.*	NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
Other congenital anomalies of heart	746	92	0.6	14	31	16	31
Congenital stenosis of aortic valve	746.3	6	0.0	0	1	2	3
Other congenital anomalies of circulatory system	747	34	0.2	4	14	10	6
Anomalies of great veins	747.4	6	0.0	0	3	1	2
Congenital anomalies of respiratory system	748	40	0.3	14	7	0	19
Anomalies of larynx, trachea, and bronchus	748.2-748.3	15	0.1	0	0	0	15
Agenesis, hypoplasia and dysplasia of lung	748.5	20	0.1	12	6	0	2
Congenital anomalies of upper alimentary sys	749-750	5	0.0	2	0	3	0
Congenital anomalies of digestive system	751	7	0.0	0	0	0	7
Congenital anomalies of genitourinary system	752-753	17	0.1	13	1	1	2
Renal agenesis and dysgenesis	753.0	11	0.1	9	1	0	1
Congenital musculoskeletal anomalies	754-756	37	0.2	26	4	2	5
Anomalies of diaphragm	756.6	22	0.1	18	1	1	2
Congenital anomalies of the integument	757	2	0.0	0	0	0	2
Chromosomal anomalies	758	18	0.1	3	2	3	10
Patau's syndrome	758.1	6	0.0	0	1	2	3
Edward's syndrome	758.2	7	0.0	1	0	1	5
Other and unspecified congenital anomalies	759	61	0.4	37	14	6	4
Multiple congenital anomalies, so described	759.7	44	0.3	27	12	3	2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	1,186	7.5	710	300	138	38
Newborn affected by maternal conditions which may be unrelated to present pregnancy	760	2	0.0	1	0	1	0
Newborn affected by maternal complications of pregnancy	761	81	0.5	77	4	0	0
Incompetent cervix	761.0	15	0.1	15	0	0	0
Premature rupture of membranes	761.1	30	0.2	30	0	0	0
Multiple pregnancy	761.5	23	0.1	20	3	0	0
Newborn affected by complications of placenta, cord, and membranes	762	52	0.3	47	2	1	2
Placenta previa	762.0	12	0.1	11	1	0	0
Other forms of placental separation and hemorrhage	762.1	22	0.1	21	0	1	0
Prolapsed cord and other compression of umbilical cord	762.4-762.5	9	0.1	7	1	0	1
Chorioamnionitis	762.7	7	0.0	6	0	0	1
Newborn affected by other complications of labor and delivery	763	6	0.0	5	1	0	0
Slow fetal growth and fetal malnutrition	764	2	0.0	2	0	0	0
Disorders relating to short gestation and unspecified low birth weight	765	183	1.2	171	11	1	0
Extreme immaturity	765.0	29	0.2	26	3	0	0
Other preterm infant	765.1	154	1.0	145	8	1	0
Disorders relating to long gestation and high birth weight	766	0	-	0	0	0	0
Birth trauma	767	36	0.2	6	18	12	0
Subdural and cerebral hemorrhage	767.0	34	0.2	6	17	11	0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-6
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CAUSE OF DEATH	CODE NO.*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
Intrauterine hypoxia and birth asphyxia	768	77	0.5	45	25	4	3
Fetal distress	768.2-768.4	26	0.2	19	4	2	1
Birth asphyxia	768.5-768.9	51	0.3	26	21	2	2
Respiratory distress syndrome	769	293	1.9	118	109	57	9
Other respiratory conditions of newborn	770	192	1.2	121	47	16	8
Congenital pneumonia	770.0	5	0.0	1	2	1	1
Massive aspiration syndrome	770.1	16	0.1	7	8	1	0
Interstitial emphysema and related conditions	770.2	11	0.1	6	4	1	0
Pulmonary hemorrhage	770.3	10	0.1	0	8	2	0
Primary atelectasis	770.4	15	0.1	12	2	1	0
Other and unspecified atelectasis	770.5	26	0.2	21	5	0	0
Chronic respiratory disease arising in the perinatal period	770.7	6	0.0	0	0	2	4
Infections specified to the perinatal period	771	48	0.3	16	19	10	3
Neonatal hemorrhage	772	66	0.4	10	44	12	0
Intraventricular hemorrhage	772.1	54	0.3	8	34	12	0
Hemolytic disease of newborn, due to isoimmunization	773	2	0.0	0	2	0	0
Other perinatal jaundice	774	1	0.0	0	0	0	1
Endocrine and metabolic disturbances specific to the newborn	775	4	0.0	3	0	0	1
Hematological disorders of newborn	776	9	0.1	2	5	1	1
Perinatal disorders of digestive system	777	23	0.1	0	1	16	6
Necrotizing enterocolitis in newborn	777.5	22	0.1	0	0	16	6
Conditions involving the integument and temperature regulation of newborn	778	7	0.0	3	3	1	0
Other and ill-defined conditions originating in the perinatal period	779	102	0.6	83	9	6	4
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	232	1.5	3	3	16	210
Sudden infant death syndrome	798.0	221	1.4	1	2	16	202
Respiratory failure	799.1	3	0.0	0	0	0	3
EXTERNAL CAUSES OF INJURY AND POISONING	800-999	50	0.3	1	4	4	41
Motor vehicle accidents	810-825	6	0.0	0	0	0	6
Other transport accidents	800-807,826-848	0	-	0	0	0	0
Accidental poisoning	850-869	0	-	0	0	0	0
Misadventures to patients during surgical and medical care	870-876	2	0.0	1	1	0	0
Surgical and medical procedures as the cause of abnormal reaction of patient or later complication	878-879	3	0.0	0	1	1	1
Accidental falls	880-888	3	0.0	0	0	1	2
Accidents caused by fire and flames	890-899	6	0.0	0	0	1	5
Accidents due to natural and environmental							
Accidents caused by submersion, suffocation, and foreign bodies	910-915	19	0.1	0	1	0	18
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation	911	6	0.0	0	0	0	6
Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation	912	5	0.0	0	0	0	5
Accidental mechanical suffocation	913	5	0.0	0	0	0	5
Other accidents and late effects of accidental injury	916-929	2	0.0	0	0	0	2
Drugs, medicaments, and biological substance causing adverse effects in therapeutic use	930-949	0	-	0	0	0	0
Homicide	960-969	6	0.0	0	1	0	5
Injury undetermined whether accidentally or purposely inflicted	980-989	3	0.0	0	0	1	2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

A2

TABLE C-7
FETAL DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1979

CAUSE OF DEATH	CODE NO.*	NUMBER	RATE**
ALL CAUSES	001-999	3,608	22.4
CONGENITAL ANOMALIES	740-759	123	0.7
Anencephalus and similar anomalies	740	41	0.3
Spina bifida	741	6	0.0
Other congenital anomalies of nervous system and sense organs	742-744	20	0.1
Congenital hydrocephalus	742.3	15	0.1
Congenital anomalies of heart	745-746	6	0.0
Other congenital anomalies of circulary system	747	3	0.0
Congenital anomalies of respiratory system	748	2	0.0
Congenital anomalies of digestive system	749-751	2	0.0
Congenital anomalies of genitourinary system	752-753	2	0.0
Chromosomal anomalies	758	9	0.1
Other and unspecified congenital anomalies	754-757, 759	32	0.2
Multiple congenital anomalies, so described	759.7	18	0.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	3,472	21.5
Fetus affected by maternal conditions which may be unrelated to present pregnancy	760	109	0.7
Maternal hypertensive disorders	760.0	72	0.4
Maternal infections	760.2	8	0.0
Other chronic maternal circulatory and respiratory diseases	760.3	5	0.0
Maternal injury	760.5	8	0.0
Fetus affected by maternal complications of pregnancy	761	247	1.5
Incompetent cervix	761.0	59	0.4
Premature rupture of membranes	761.1	123	0.8
Polyhydramnios	761.3	6	0.0
Multiple pregnancy	761.5	23	0.1
Fetus affected by complications of placenta, cord, and membranes	762	767	4.8
Placenta previa	762.0	40	0.2
Other forms of placental separation and and hemorrhage	762.1	251	1.6
Other and unspecified morphological and functional abnormalities of placenta	762.2	149	0.9
Placental transfusion syndromes	762.3	5	0.0
Prolapsed cord	762.4	33	0.2
Other compressions of umbilical cord	762.5	146	0.9
other and unspecified conditions of umbilical cord	762.6	119	0.7
Chorioamnionitis	762.7	23	0.1
Fetus affected by other complications of labor and and delivery	763	20	0.1
~~Breech or other malpresentation, malposition, or disproportion~~	~~763.0-763.1~~	~~6~~	~~0.0~~
Slow fetal growth and fetal malnutrition	764	12	0.1
Disorders relating to short gestation and unspecified low birth weight	765	160	1.0
Intrauterine hypoxia and birth asphyxia	768	97	0.6
Respiratory distress syndrome	769	2	0.0
Other respiratory conditions of fetus	770	31	0.2
Primary atelectasis	770.4	18	0.1
Infections specific to the perinatal period	771	4	0.0
Fetal hemorrhage	772	10	0.1
Fetal blood loss	772.0	9	0.1
Hemolytic disease of fetus due to isoimmunization	773	8	0.0
Endocrine and metabolic disturbances specific to the fetus	775	27	0.2
Syndrome of "infant and diabetic mother"	775.0	27	0.2
Hematological disorders of fetus	776	1	0.0
Other and ill-defined conditions originating in the perinatal period	766-767,774,777-779	1,977	12.3
Termination of pregnancy	779.6	1,514	9.4
OTHER AND UNKNOWN CAUSES	001-739,780-999	13	0.1

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975
**RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).

TABLE C-8
HEART DISEASE DEATHS, NUMBER AND RATE: PENNSYLVANIA, 1930-1979

YEAR	NUMBER	RATE*	YEAR	NUMBER	RATE*
1930	23,511	244.1	1955	46,690	421.8
1931	24,021	248.7	1956	47,796	429.4
1932	25,265	260.8	1957	49,393	442.4
1933	26,196	269.6	1958	49,673	447.5
1934	27,888	286.2	1959	50,196	443.3
1935	28,460	291.2	1960	51,431	454.4
1936	30,734	313.6	1961	51,735	451.1
1937	31,722	322.7	1962	52,751	463.7
1938	31,348	318.0	1963	53,495	468.3
1939	32,933	333.2	1964	52,078	454.5
1940	34,333	346.3	1965	52,685	456.7
1941	34,159	342.7	1966	53,874	462.9
1942	35,261	351.9	1967	53,121	456.1
1943	37,445	371.7	1968	54,398	462.7
1944	35,582	351.4	1969	52,816	447.5
1945	35,964	353.3	1970	52,476	444.9
1946	36,169	353.4	1971	53,222	448.0
1947	38,310	371.7	1972	53,098	445.2
1948	39,296	378.8	1973	52,730	443.0
1949	43,574	417.2	1974	50,625	427.7
1950	43,793	416.4	1975	49,323	417.8
1951	44,443	419.4	1976	49,730	419.2
1952	44,246	412.2	1977	48,444	411.1
1953	45,784	422.8	1978	48,573	413.3
1954	44,382	407.3	1979	48,407	412.7

*RATE PER 100,000 MIDYEAR POPULATION.
NOTE: DATA PRIOR TO 1940 IS BY PLACE OF OCCURRENCE. ALL OTHER DATA IS BY PLACE OF RESIDENCE.

Figure C-4 -- HEART DISEASE DEATH RATES: PENNSYLVANIA, 1930-1979

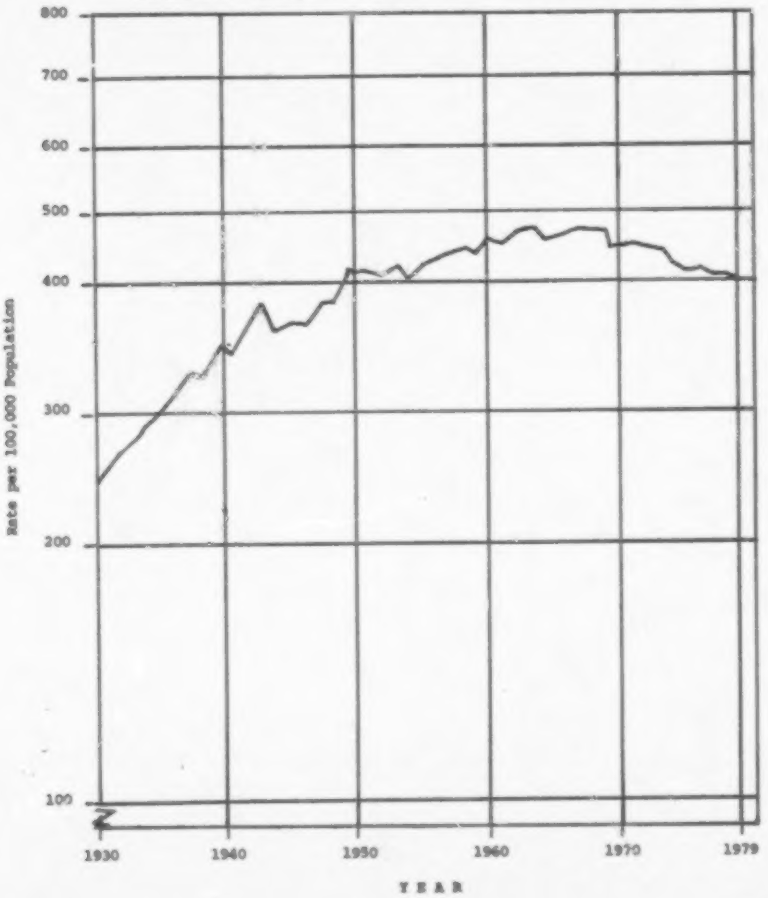


TABLE C-9
MALIGNANT NEOPLASM DEATHS, NUMBER AND RATE: PENNSYLVANIA, 1930-1979

YEAR	NUMBER	RATE*	YEAR	NUMBER	RATE*
1930	9,672	100.4	1955	18,259	164.0
1931	10,157	105.1	1956	18,726	168.2
1932	10,595	109.4	1957	19,066	170.8
1933	10,735	110.5	1958	18,856	169.9
1934	11,388	116.9	1959	19,218	169.7
1935	11,552	118.2	1960	19,612	173.3
1936	12,047	122.9	1961	19,933	173.8
1937	12,432	126.5	1962	20,003	175.8
1938	12,402	125.8	1963	20,316	177.8
1939	12,918	130.7	1964	20,611	179.9
1940	13,055	131.7	1965	20,767	180.0
1941	13,128	131.7	1966	21,182	182.0
1942	13,512	134.8	1967	21,450	184.2
1943	13,709	136.1	1968	22,065	187.7
1944	13,959	137.8	1969	22,124	187.4
1945	14,535	142.8	1970	22,013	186.6
1946	14,787	144.5	1971	22,364	188.3
1947	14,881	144.4	1972	22,733	190.6
1948	15,613	150.5	1973	22,709	190.8
1949	15,900	152.2	1974	23,239	196.4
1950	16,326	155.2	1975	23,547	199.1
1951	16,678	157.4	1976	24,175	203.8
1952	17,335	161.5	1977	24,244	205.7
1953	17,531	161.9	1978	25,376	215.9
1954	17,974	165.0	1979	25,374	216.3

*RATE PER 100,000 MIDYEAR POPULATION.
NOTE: DATA PRIOR TO 1940 IS BY PLACE OF OCCURRENCE. ALL OTHER DATA IS BY PLACE OF RESIDENCE.

Figure C-5 Malignant Neoplasm Death Rates, Pennsylvania, 1930-1979

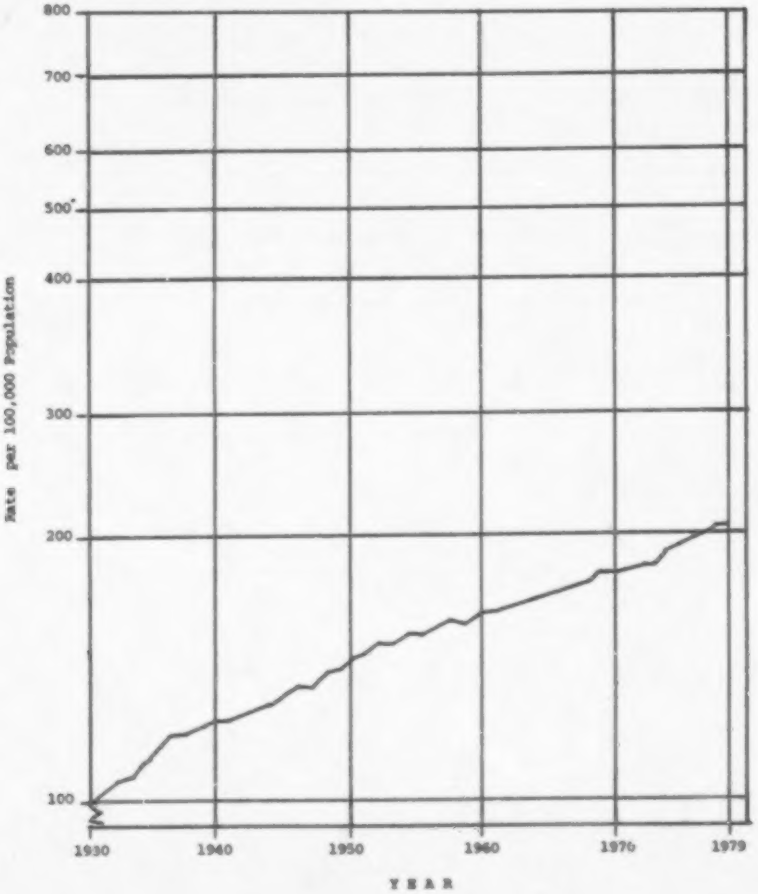


TABLE C-10
ACCIDENTAL DEATHS, ALL FORMS, NUMBER AND RATE: PENNSYLVANIA, 1930-1979

YEAR	NUMBER	RATE*	YEAR	NUMBER	RATE*
1930	8,337	86.6	1955	5,659	50.8
1931	7,929	82.1	1956	5,430	48.8
1932	6,996	72.2	1957	5,374	48.1
1933	7,141	73.5	1958	5,056	45.5
1934	7,489	76.8	1959	5,036	44.5
1935	7,256	74.2	1960	4,866	43.0
1936	7,731	78.9	1961	4,762	41.5
1937	7,847	79.6	1962	5,024	44.2
1938	6,633	67.3	1963	5,154	45.1
1939	6,805	68.8	1964	5,165	45.1
1940	7,206	72.7	1965	5,351	46.0
1941	7,132	71.6	1966	5,223	44.9
1942	6,997	69.8	1967	5,459	46.9
1943	6,719	66.7	1968	5,589	47.5
1944	6,274	62.0	1969	5,362	45.4
1945	6,343	62.3	1970	5,336	45.3
1946	6,361	62.2	1971	5,387	45.3
1947	6,415	62.2	1972	5,259	44.1
1948	6,249	60.2	1973	5,140	43.2
1949	5,632	53.9	1974	4,798	40.6
1950	5,697	54.2	1975	4,762	39.8
1951	5,831	55.0	1976	4,531	38.2
1952	5,783	53.9	1977	4,654	39.5
1953	5,747	53.1	1978	4,487	38.2
1954	5,472	50.2	1979	4,777	40.7

*RATE PER 100,000 MIDYEAR POPULATION.
NOTE: DATA PRIOR TO 1940 IS BY PLACE OF OCCURRENCE. ALL OTHER DATA IS BY PLACE OF RESIDENCE.

Figure C-6 Accidental Death Rates, Pennsylvania, 1930-1979

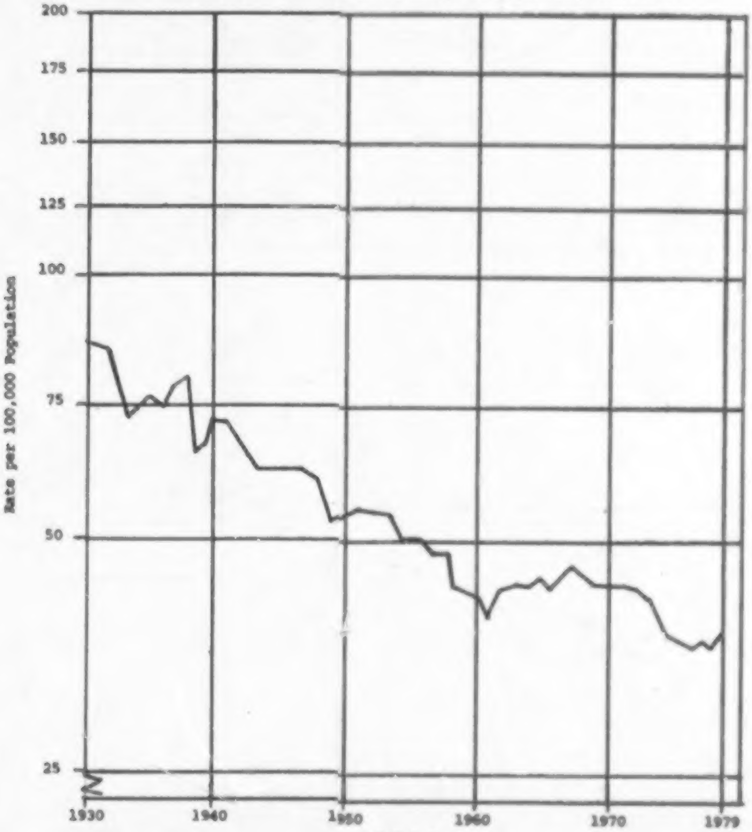


TABLE C-11
PNEUMONIA AND INFLUENZA DEATHS, NUMBER AND RATE:
PENNSYLVANIA, 1930-1979

YEAR	NUMBER	RATE*	YEAR	NUMBER	RATE*
1930	11,265	117.2	1955	2,862	25.7
1931	12,802	132.5	1956	2,996	26.9
1932	11,424	117.9	1957	3,833	34.3
1933	9,876	101.6	1958	3,494	31.5
1934	10,027	102.9	1959	3,293	29.1
1935	10,350	105.9	1960	3,889	34.3
1936	10,785	110.0	1961	3,297	28.3
1937	11,402	116.0	1962	3,529	31.0
1938	7,396	75.0	1963	4,298	37.6
1939	6,707	67.8	1964	3,393	29.6
1940	6,712	67.7	1965	3,709	32.2
1941	5,786	58.0	1966	3,515	30.2
1942	5,469	54.6	1967	3,225	27.7
1943	7,336	72.8	1968	4,300	36.9
1944	6,561	65.0	1969	3,896	33.0
1945	5,271	51.6	1970	3,466	29.4
1946	4,473	43.7	1971	3,199	26.9
1947	4,394	42.6	1972	3,476	29.1
1948	3,763	36.1	1973	3,590	30.2
1949	3,005	28.8	1974	3,067	25.9
1950	3,116	29.6	1975	3,187	26.9
1951	3,379	31.9	1976	3,432	28.8
1952	3,113	29.0	1977	2,866	24.3
1953	3,061	28.3	1978	2,776	23.6
1954	2,406	22.1	1979	2,239	19.1

*RATE PER 100,000 MIDYEAR POPULATION.
NOTE: DATA PRIOR TO 1960 IS BY PLACE OF OCCURRENCE. ALL
OTHER DATA IS BY PLACE OF RESIDENCE.

Figure C-7 Pneumonia and Influenza Death Rates, Pa., 1930 - 1979

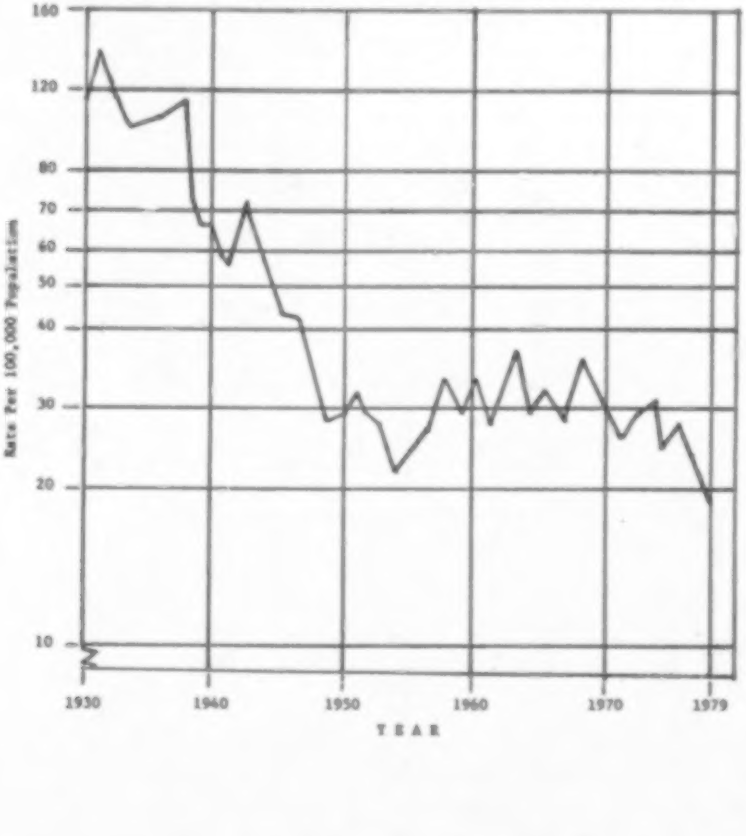


TABLE C-12
SUICIDE DEATHS, NUMBER AND RATE: PENNSYLVANIA, 1930-1979

YEAR	NUMBER	RATE*	YEAR	NUMBER	RATE*
1930	1,370	14.2	1955	1,035	9.3
1931	1,496	15.5	1956	1,121	10.1
1932	1,520	15.7	1957	1,044	9.3
1933	1,394	14.3	1958	1,113	10.0
1934	1,330	13.6	1959	1,100	9.9
1935	1,314	13.4	1960	1,099	9.7
1936	1,255	12.8	1961	1,097	9.6
1937	1,286	13.1	1962	1,150	10.1
1938	1,397	14.2	1963	1,134	9.9
1939	1,289	13.0	1964	1,100	9.6
1940	1,312	13.2	1965	1,131	9.6
1941	1,264	12.7	1966	1,099	9.4
1942	1,198	12.0	1967	1,059	9.1
1943	993	9.8	1968	1,190	10.1
1944	952	9.4	1969	1,133	9.6
1945	1,081	10.6	1970	1,337	11.3
1946	1,165	11.2	1971	1,271	10.7
1947	1,203	11.7	1972	1,349	11.3
1948	1,150	11.1	1973	1,342	11.3
1949	1,109	10.6	1974	1,310	11.1
1950	1,101	10.5	1975	1,377	11.6
1951	1,083	10.2	1976	1,371	11.6
1952	1,028	9.6	1977	1,430	12.1
1953	1,006	9.3	1978	1,396	11.9
1954	986	9.1	1979	1,346	11.5

*RATE PER 100,000 MIDYEAR POPULATION.
NOTE: DATA PRIOR TO 1940 IS BY PLACE OF OCCURRENCE. ALL OTHER DATA IS BY PLACE OF RESIDENCE.

Figure C-8 Suicide Death Rates, Pennsylvania, 1930-1979

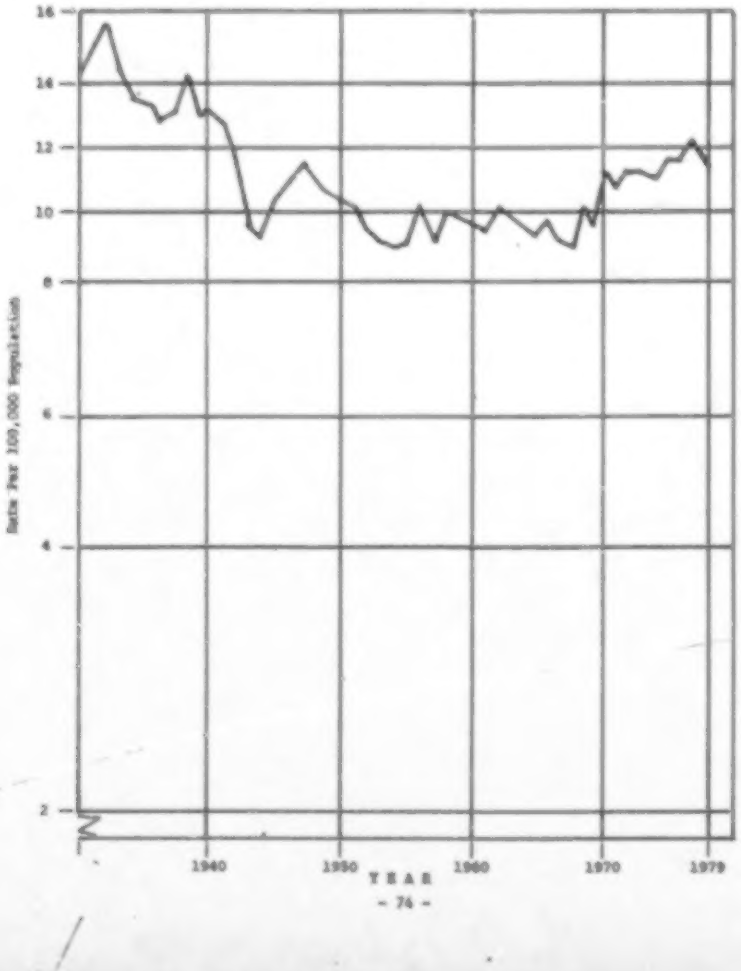


TABLE C-13
HOMICIDE DEATHS, NUMBER AND RATE: PENNSYLVANIA, 1930-1979

YEAR	NUMBER	RATE*	YEAR	NUMBER	RATE*
1930	491	5.1	1955	248	2.2
1931	479	5.0	1956	279	2.5
1932	469	4.8	1957	258	2.3
1933	418	4.3	1958	273	2.5
1934	387	4.0	1959	286	2.5
1935	366	3.7	1960	302	2.7
1936	356	3.6	1961	304	2.7
1937	363	3.7	1962	318	2.8
1938	285	2.9	1963	288	2.5
1939	310	3.1	1964	403	3.5
1940	261	2.6	1965	388	3.4
1941	254	2.5	1966	389	3.3
1942	260	2.6	1967	459	3.9
1943	237	2.4	1968	473	4.0
1944	197	1.9	1969	518	4.4
1945	255	2.5	1970	657	5.6
1946	289	2.9	1971	749	6.3
1947	308	3.0	1972	761	6.4
1948	305	2.9	1973	826	6.9
1949	273	2.6	1974	859	7.3
1950	284	2.7	1975	843	7.1
1951	296	2.8	1976	746	6.3
1952	286	2.7	1977	668	5.7
1953	288	2.6	1978	736	6.3
1954	304	2.8	1979	760	6.5

*RATE PER 100,000 RESIDENT POPULATION.
NOTE: DATA PRIOR TO 1940 IS BY PLACE OF OCCURRENCE. ALL
OTHER DATA IS BY PLACE OF RESIDENCE.

Figure C-9 Homicide Death Rates, Pennsylvania, 1930-1979

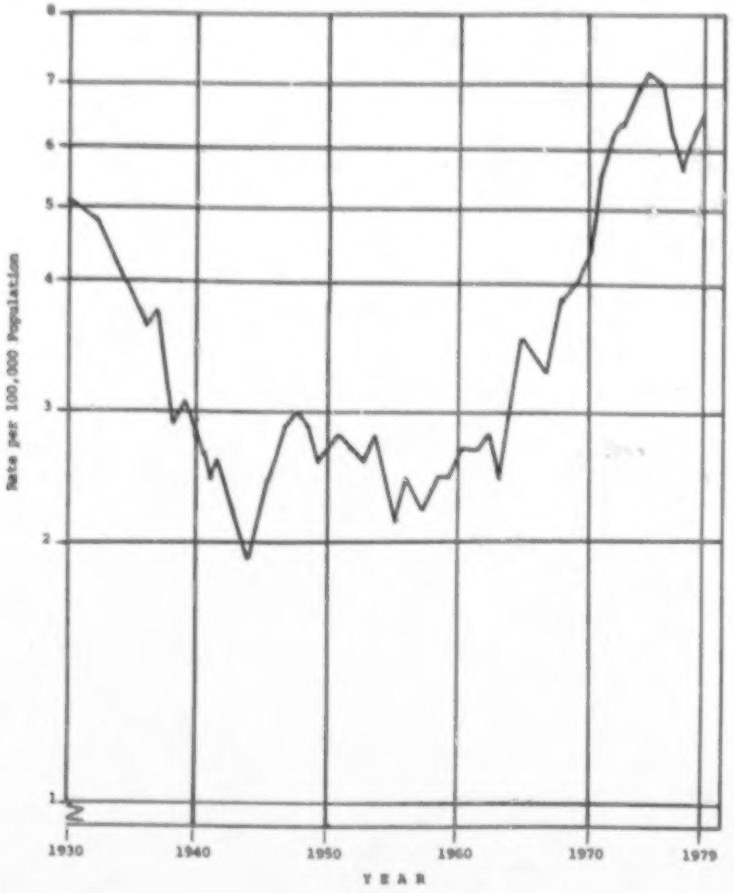


TABLE C-14
RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, AND NEONATAL DEATHS FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979

HEALTH SERVICE AREA	TOTAL DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		NEONATAL DEATHS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER**	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	117,097	10.0	157,533	13.4	2,091	13.1	2,118	13.4	1,548	9.8
HSA I SOUTHEAST PA	36,889	9.9	50,781	13.6	734	14.2	729	14.4	519	10.2
HSA II EASTERN PA	8,771	9.6	11,663	12.8	148	12.5	154	13.2	121	10.4
HSA III NORTHEAST PA	9,838	12.3	9,552	11.9	122	12.6	130	13.6	103	10.8
HSA IV S. CENTRAL PA	12,042	8.9	19,614	14.4	228	11.5	239	12.2	173	8.8
HSA V CENTRAL PA	6,991	9.6	10,201	14.0	142	13.7	121	11.9	83	8.1
HSA VI SOUTHWEST PA	29,533	10.3	36,140	12.6	464	12.7	494	13.7	367	10.2
HSA VII NORTHWEST PA	7,027	9.5	11,203	15.1	161	14.2	158	14.1	119	10.6
HSA VIII NY-PENN	969	9.5	1,552	15.3	8	5.1	18	11.6	11	7.1
HSA IX KEYSTONE	5,037	10.2	6,827	13.9	82	11.9	75	11.0	52	7.6

*BIRTH AND TOTAL DEATH RATE PER 1,000 ESTIMATED 1979 MIDYEAR POPULATION,
FETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS),
INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS.
**TOTAL FETAL DEATHS INCLUDE UNKNOWN COUNTY AND EXCLUDE INDUCED TERMINATIONS.

TABLE C-15
RESIDENT DEATHS BY AGE GROUP FOR HEALTH SERVICE AREAS: PENNSYLVANIA, 1979

HEALTH SERVICE AREA	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)										
		< 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
ALL AREAS	117,097	2,424	214	275	871	1,200	2,075	2,788	7,815	18,465	29,421	51,523
HSA I SOUTHEAST PA	36,889	840	68	79	257	388	827	1,041	2,768	5,967	8,981	15,666
HSA II EASTERN PA	8,771	180	17	16	59	71	128	176	532	1,370	2,222	3,999
HSA III NORTHEAST PA	9,838	147	8	23	57	53	95	211	585	1,648	2,841	4,165
HSA IV S. CENTRAL PA	12,042	277	30	39	113	135	199	264	756	1,674	2,840	5,713
HSA V CENTRAL PA	6,991	140	14	18	56	68	109	162	397	976	1,798	3,253
HSA VI SOUTHWEST PA	29,533	556	49	54	217	315	500	643	1,970	4,837	7,506	12,881
HSA VII NORTHWEST PA	7,027	176	15	23	74	91	129	163	449	1,065	1,700	3,138
HSA VIII NY-PENN	969	23	3	6	6	13	17	25	59	138	226	452
HSA IX KEYSTONE	5,037	83	10	17	32	66	71	103	299	790	1,307	2,256

*TOTAL DEATHS INCLUDE UNKNOWN AGE AT DEATH.

TABLE C-16
LEADING CAUSES OF DEATH FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979

HEALTH SERVICE AREA	ALL CAUSES		HEART DISEASE											
			TOTAL HEART DISEASE		RHEUMATIC FEVER		CHRONIC RHEUMATIC		WITH HYPERTENSION		ISCHEMIC		OTHER	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	9,132	77.8	2,287	19.5	2,490	21.2	2,383	20.3	2,239	19.1	1,684	14.4	1,608	13.7
HSA I SOUTHEAST PA	2,686	72.0	553	14.8	812	21.8	615	16.5	822	60.0	369	9.9	556	14.9
HSA II EASTERN PA	665	73.0	193	21.2	154	16.9	199	21.8	161	17.7	117	12.8	101	11.1
HSA III NORTHEAST PA	746	93.3	143	17.9	175	21.9	247	30.9	119	14.9	152	19.0	127	15.9
HSA IV S. CENTRAL PA	918	67.6	340	25.0	215	15.8	260	19.1	252	18.5	228	16.8	111	8.2
HSA V CENTRAL PA	659	90.7	184	25.3	139	19.1	176	24.2	92	12.7	111	15.3	68	9.4
HSA VI SOUTHWEST PA	2,379	82.9	525	18.3	673	23.5	592	20.6	545	19.0	401	14.0	471	16.4
HSA VII NORTHWEST PA	569	79.2	190	25.6	171	23.0	142	19.1	165	22.2	128	17.2	106	14.3
HSA VIII BY-PENN	66	65.0	31	30.5	25	24.6	30	29.5	19	18.7	45	44.3	6	5.9
HSA IX KEYSTONE	424	86.0	128	26.0	126	25.6	122	24.8	64	13.0	133	27.0	62	12.6

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED AREA.

TABLE C-16
LEADING CAUSES OF DEATH FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

HEALTH SERVICE AREA	MALIGNANT NEOPLASMS									
	TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM		BONE, TISSUE, SKIN AND BREAST	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	25,374	216.3	467	4.0	7,201	61.4	6,167	52.6	2,777	23.7
HSA I SOUTHEAST PA	8,352	224.0	176	4.7	2,379	63.8	2,101	56.3	941	25.2
HSA II EASTERN PA	1,956	214.7	41	4.5	550	60.4	469	51.5	215	23.6
HSA III NORTHEAST PA	1,984	248.2	35	4.4	641	80.2	409	51.2	210	26.3
HSA IV S. CENTRAL PA	2,6[illegible]	196.2	45	3.3	724	53.3	588	43.3	330	24.3
HSA V CENTRAL PA	1,404	193.2	33	4.5	366	50.6	338	46.5	148	20.4
HSA VI SOUTHWEST PA	6,364	221.9	97	3.4	1,797	62.7	1,622	56.6	649	22.6
HSA VII NORTHWEST PA	1,477	198.7	20	2.7	420	56.5	354	47.6	150	20.2
HSA VIII BY-PENN	208	204.7	3	3.0	62	61.0	47	46.3	26	25.6
HSA IX KEYSTONE	991	201.1	17	3.4	260	52.8	239	48.5	108	21.9

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED AREA.

TABLE C-16
LEADING CAUSES OF DEATH FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

HEALTH SERVICE AREA	MALIGNANT NEOPLASMS							
	GENITO-URINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC HEMATOPOIETIC	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	2,781	23.7	3,766	32.1	941	8.0	1,274	10.9
HSA I SOUTHEAST PA	881	23.6	1,203	32.3	290	7.8	381	10.2
HSA II EASTERN PA	234	25.7	278	30.5	77	8.5	92	10.1
HSA III NORTHEAST PA	208	26.0	318	39.8	62	7.8	101	12.6
HSA IV S. CENTRAL PA	315	23.2	399	29.4	104	7.7	133	9.8
HSA V CENTRAL PA	171	23.5	222	30.5	43	5.9	81	11.1
HSA VI SOUTHWEST PA	649	22.6	969	33.8	254	8.9	327	11.4
HSA VII NORTHWEST PA	182	24.5	203	27.3	60	8.1	88	11.8
HSA VIII NY-PENN	26	25.6	25	24.6	6	5.9	13	12.8
HSA IX KEYSTONE	115	23.3	149	30.2	45	9.1	58	11.8

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED AREA.

TABLE C-16
LEADING CAUSES OF DEATH FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

HEALTH SERVICE AREA	CEREBROVASCULAR DISEASE		ACCIDENTS				DIABETES MELLITUS		PNEUMONIA AND INFLUENZA		ATHERO-SCLEROSIS		LIVER DISEASE AND CIRRHOSIS	
			MOTOR VEHICLE		OTHER ACCIDENTS									
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	9,132	77.8	2,287	19.5	2,490	21.2	2,383	20.3	2,239	19.1	1,684	14.4	1,608	13.7
HSA I SOUTHEAST PA	2,686	72.0	553	14.8	812	21.8	615	16.5	822	22.0	369	9.9	556	14.9
HSA II EASTERN PA	665	73.0	193	21.2	154	16.9	199	21.8	161	17.7	117	12.8	101	11.1
HSA III NORTHEAST PA	746	93.3	143	17.9	175	21.9	247	30.9	119	14.9	152	19.0	127	15.9
HSA IV S. CENTRAL PA	918	67.6	340	25.0	215	15.8	260	19.1	252	18.5	228	16.8	111	8.2
HSA V CENTRAL PA	659	90.7	184	25.3	139	19.1	176	24.2	92	12.7	111	15.3	68	9.4
HSA VI SOUTHWEST PA	2,379	82.9	525	18.3	673	23.5	592	20.6	545	19.0	401	14.0	471	16.4
HSA VII NORTHWEST PA	589	79.2	190	25.6	171	23.0	142	19.1	165	22.2	128	17.2	106	14.3
HSA VIII NY-PENN	66	65.0	31	30.5	25	24.6	30	29.5	19	18.7	45	44.3	6	5.9
HSA IX KEYSTONE	424	86.0	128	26.0	126	25.6	122	24.8	64	13.0	133	27.0	62	12.6

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED AREA.

TABLE C-16
LEADING CAUSES OF DEATH FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

HEALTH	SUICIDE		PERINATAL CONDITIONS		NEPHRITIS AND NEPHROSIS		AORTIC ANEURYSM		PNEUMOCONIOSIS		HOMICIDE		EMPHYSEMA	
SERVICE AREA	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	1,346	11.5	1,186	10.1	1,017	8.7	925	7.9	850	7.2	760	6.5	648	5.5
HSA I SOUTHEAST PA	463	12.4	409	11.0	352	9.4	279	7.5	17	0.5	473	12.7	155	4.2
HSA II EASTERN PA	107	11.7	89	9.8	86	9.4	100	11.0	29	3.2	23	2.5	51	5.6
HSA III NORTHEAST PA	74	9.3	81	10.1	75	9.4	61	7.6	611	76.4	25	3.1	63	7.9
HSA IV S. CENTRAL PA	151	11.1	125	9.2	106	7.8	119	8.8	10	0.7	31	2.3	73	5.4
HSA V CENTRAL PA	69	9.5	56	7.7	53	7.3	65	8.9	73	10.0	9	1.2	61	8.4
HSA VI SOUTHWEST PA	351	12.2	288	10.0	260	9.1	192	6.7	61	2.1	166	5.8	147	5.1
HSA VII NORTHWEST PA	59	7.9	94	12.6	46	6.2	57	7.7	5	0.7	18	2.4	49	6.6
HSA VIII BI-PENN	9	8.9	5	4.9	7	6.9	6	5.9	3	3.0	2	2.0	6	5.9
HSA IX KEYSTONE	63	12.8	39	7.9	32	6.5	46	9.3	41	8.3	13	2.6	43	8.7

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED AREA.

TABLE C-16
LEADING CAUSES OF DEATH FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

HEALTH	CONGENITAL ANOMALIES		SEPTICEMIA		BENIGN AND UNSPECIFIED NEOPLASMS		HYPERTENSION		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		PARKINSON'S DISEASE	
SERVICE AREA	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	640	5.5	560	4.8	467	4.0	334	2.8	308	2.6	286	2.4	200	1.7
HSA I SOUTHEAST PA	208	5.6	249	6.7	165	4.4	106	2.8	81	2.2	95	2.5	64	1.7
HSA II EASTERN PA	49	5.4	30	3.3	31	3.4	24	2.6	25	2.7	20	2.2	11	1.2
HSA III NORTHEAST PA	43	5.4	27	3.4	32	4.0	30	3.8	26	3.3	26	3.3	12	1.5
HSA IV S. CENTRAL PA	84	6.2	55	4.0	42	3.1	34	2.5	38	2.8	25	1.8	23	1.7
HSA V CENTRAL PA	52	7.2	23	3.2	29	4.0	19	2.6	20	2.8	21	2.9	12	1.7
HSA VI SOUTHWEST PA	133	4.6	139	4.8	113	3.9	80	2.8	76	2.7	64	2.2	56	2.0
HSA VII NORTHWEST PA	45	6.1	25	3.4	27	3.6	21	2.8	28	3.8	20	2.7	8	1.1
HSA VIII BI-PENN	8	7.9	2	2.0	5	4.9	2	2.0	6	5.9	1	1.0	2	2.0
HSA IX KEYSTONE	18	3.7	10	2.0	23	4.7	18	3.7	8	1.6	14	2.8	12	2.4

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED AREA.

TABLE C-16
LEADING CAUSES OF DEATH FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

HEALTH SERVICE AREA	ANEMIAS		DISEASES OF PANCREAS		BRONCHITIS, CHRONIC AND UNSPECIFIED		VENOUS EMBOLISM AND THROMBOSIS		GALL BLADDER DISORDERS		ALCOHOLISM		INFECTIONS OF KIDNEY	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	199	1.7	170	1.4	154	1.3	149	1.3	142	1.2	140	1.2	136	1.2
HSA I SOUTHEAST PA	65	1.7	64	1.7	43	1.2	46	1.2	42	1.1	69	1.9	40	1.1
HSA II EASTERN PA	15	1.6	8	0.9	11	1.2	13	1.4	10	1.1	5	0.5	6	0.7
HSA III NORTHEAST PA	17	2.1	18	2.2	10	1.3	12	1.5	14	1.8	4	0.5	10	1.3
HSA IV S. CENTRAL PA	20	1.5	11	0.8	15	1.1	18	1.3	10	0.7	7	0.5	22	1.6
HSA V CENTRAL PA	9	1.2	12	1.7	10	1.4	8	1.1	6	0.8	5	0.7	8	1.1
HSA VI SOUTHWEST PA	50	1.7	38	1.3	42	1.5	30	1.0	40	1.4	33	1.2	34	1.2
HSA VII NORTHWEST PA	14	1.9	10	1.3	13	1.7	11	1.5	12	1.6	9	1.2	11	1.5
HSA VIII NY-PENN	3	3.0	3	3.0	1	1.0	4	3.9	1	1.0	2	2.0	0	-
HSA IX KEYSTONE	6	1.2	6	1.2	9	1.8	7	1.4	7	1.4	6	1.2	5	1.0

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED AREA.

TABLE C-16
LEADING CAUSES OF DEATH FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

HEALTH SERVICE AREA	TUBERCULOSIS		NUTRITIONAL DEFICIENCIES		MULTIPLE SCLEROSIS		EPILEPSY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	118	1.0	112	1.0	91	0.8	83	0.7	76	0.6	10,400	88.7
HSA I SOUTHEAST PA	47	1.3	38	1.0	30	0.8	28	0.8	37	1.0	5,018	134.6
HSA II EASTERN PA	6	0.7	7	0.8	4	0.4	6	0.7	3	0.3	501	55.0
HSA III NORTHEAST PA	13	1.6	8	1.0	7	0.9	6	0.8	1	0.1	551	68.9
HSA IV S. CENTRAL PA	12	0.9	9	0.7	13	1.0	8	0.6	7	0.5	873	64.3
HSA V CENTRAL PA	6	0.8	8	1.1	6	0.8	6	0.8	5	0.7	469	64.5
HSA VI SOUTHWEST PA	24	0.8	31	1.1	24	0.8	21	0.7	12	0.4	2,056	71.7
HSA VII NORTHWEST PA	6	0.8	9	1.2	5	0.7	6	0.8	7	0.9	513	69.0
HSA VIII NY-PENN	0	-	1	1.0	0	-	0	-	1	1.0	76	74.8
HSA IX KEYSTONE	4	0.8	1	0.2	2	0.4	2	0.4	3	0.6	343	69.6

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED AREA.

TABLE C-17
RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, AND NEONATAL DEATHS BY COUNTY, NUMBER AND RATE: PENNSYLVANIA, 1979

COUNTY	TOTAL DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		NEONATAL DEATHS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER**	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	117,097	10.0	157,533	13.4	2,091	13.1	2,118	13.4	1,548	9.8
ADAMS	586	9.2	952	14.9	6	6.3	9	9.5	7	7.4
ALLEGHENY	15,570	10.7	17,159	11.8	257	14.8	233	13.6	173	10.1
ARMSTRONG	808	10.7	1,056	14.0	18	16.8	12	11.4	8	7.6
BEAVER	1,883	9.1	2,722	13.2	27	9.8	42	15.4	28	10.3
BEDFORD	421	9.7	629	14.5	8	12.6	7	11.1	4	6.4
BERKS	2,943	9.6	4,077	13.3	55	13.3	52	12.8	38	9.3
BLAIR	1,536	11.4	1,846	13.7	25	13.4	18	9.8	14	7.6
BRADFORD	529	9.0	927	15.7	5	5.4	12	12.9	8	8.6
BUCKS	3,119	6.5	6,567	13.8	74	11.1	68	10.4	47	7.2
BUTLER	1,214	8.4	2,141	14.8	24	11.1	37	17.3	32	14.9
CAMBRIA	1,799	9.8	2,441	13.3	27	10.9	32	13.1	24	9.8
CAMERON	72	10.7	96	14.3	0	-	1	10.4	0	-
CARBON	616	11.6	636	12.3	7	10.9	5	7.8	5	7.8
CENTRE	648	6.0	1,278	11.9	24	18.4	18	14.1	12	9.4
CHESTER	2,150	7.1	4,159	13.6	58	13.8	54	13.0	46	11.1
CLARION	372	8.9	630	15.1	8	12.5	7	11.1	7	11.1
CLEARFIELD	844	10.6	1,218	15.3	9	7.3	12	9.9	10	8.2
CLINTON	391	10.5	551	14.7	9	16.1	6	10.9	4	7.3
COLUMBIA	621	10.4	764	12.8	14	18.0	7	9.2	3	3.9
CRAWFORD	814	9.6	1,312	15.5	18	13.5	18	13.7	13	9.9
CUMBERLAND	1,331	7.7	2,117	12.3	26	12.1	20	9.4	16	7.6
DAUPHIN	2,281	10.1	3,218	14.3	47	14.4	62	19.3	52	16.2
DELAWARE	5,391	9.5	7,199	12.6	75	10.3	72	10.0	52	7.2
ELK	332	8.9	595	16.0	6	10.0	7	11.8	6	10.1
ERIE	2,357	6.8	4,305	16.0	70	16.0	73	17.0	59	13.7
FAYETTE	1,912	12.2	2,291	14.6	26	11.2	40	17.5	32	14.0
FOREST	53	10.4	48	9.4	2	40.0	0	-	0	-
FRANKLIN	958	8.9	1,553	14.5	20	12.7	14	9.0	10	6.4
FULTON	95	8.2	178	15.3	4	22.0	2	11.2	0	-
GREENE	446	11.6	575	15.0	1	1.7	5	8.7	3	5.2
HUNTINGDON	394	9.9	578	14.5	4	6.9	6	10.4	4	6.9
INDIANA	817	9.2	1,351	15.2	8	5.9	13	9.6	9	6.7
JEFFERSON	469	9.8	778	16.2	15	18.9	11	14.1	8	10.3
JUNIATA	176	9.7	269	14.8	2	7.4	2	7.4	0	-
LACKAWANNA	2,799	12.2	2,690	11.7	29	10.7	39	14.5	34	12.6
LANCASTER	3,051	8.6	5,645	16.0	59	10.3	74	13.1	45	8.0
LAWRENCE	1,066	10.3	1,472	14.0	14	9.4	24	16.3	16	10.9
LEBANON	993	9.4	1,496	14.1	16	10.6	13	8.7	9	6.0
LEHIGH	2,468	9.3	3,397	12.8	45	13.1	54	15.9	43	12.7
LUZERNE	4,135	12.2	3,856	11.4	62	15.8	53	13.7	40	10.4
LYCOMING	1,102	9.6	1,845	16.1	26	13.9	23	12.5	14	7.6
MCKEAN	546	11.1	719	14.6	13	17.8	8	11.1	7	9.7
MERCER	1,268	10.1	1,676	13.3	28	16.4	21	12.5	13	7.8
MIFFLIN	415	9.5	625	14.3	11	17.3	6	9.6	5	8.0
MONROE	606	10.0	832	13.8	7	8.3	13	15.6	9	10.8
MONTGOMERY	5,731	9.1	7,473	11.9	89	11.8	68	9.1	51	6.8
MONTOUR	213	12.7	222	13.2	0	-	5	22.5	3	13.5
NORTHAMPTON	2,138	9.5	2,719	12.0	34	12.4	30	11.0	26	9.6
NORTHUMBERLAND	1,199	12.1	1,254	12.7	18	14.2	14	11.2	12	9.6
PERRY	305	8.8	603	17.4	6	9.9	3	5.0	3	5.0
PHILADELPHIA	20,498	11.7	25,383	14.5	438	17.0	467	18.4	323	12.7
PIKE	180	12.2	171	11.6	1	5.8	1	5.8	1	5.8
POTTER	158	9.4	278	16.5	3	10.7	1	3.6	1	3.6
SCHUYLKILL	2,114	13.5	1,921	12.2	18	9.3	22	11.5	18	9.4
SNYDER	246	8.0	444	14.4	5	11.1	3	6.8	3	6.8
SOMERSET	792	9.9	1,155	14.5	14	12.0	10	8.7	6	5.2
SULLIVAN	78	12.8	87	14.3	0	-	2	23.0	1	11.5
SUSQUEHANNA	362	9.9	538	14.7	3	5.5	4	7.4	2	3.7
TIOGA	366	9.2	552	13.9	4	7.2	8	14.5	5	9.1
UNION	301	9.5	401	12.7	5	12.3	6	15.0	4	10.0
VENANGO	591	9.7	925	15.1	6	6.4	13	14.1	9	9.7
WARREN	464	10.2	619	13.6	7	11.2	9	14.5	4	6.5
WASHINGTON	2,216	10.5	2,605	12.4	29	11.0	37	14.2	30	11.5
WAYNE	387	11.0	523	14.5	8	15.1	9	17.2	7	13.4
WESTMORELAND	3,579	9.3	4,768	12.4	60	12.4	51	10.7	36	7.6
WYOMING	213	9.2	391	16.9	4	10.1	6	15.3	3	7.7
YORK	2,537	8.6	4,030	13.7	48	11.8	44	10.9	31	7.7

*BIRTH AND TOTAL DEATH RATE PER 1,000 ESTIMATED 1979 MIDYEAR POPULATION,
FETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS),
INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS.

**TOTAL FETAL DEATHS INCLUDE UNKNOWN COUNTY AND EXCLUDE INDUCED TERMINATIONS.

TABLE C-18
RESIDENT DEATHS BY AGE GROUP FOR COUNTIES: PENNSYLVANIA, 1979

COUNTY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)										
		< 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
ALL COUNTIES	117,097	2,424	214	275	871	1,200	2,075	2,788	7,815	18,465	29,421	51,523
ADAMS	586	13	4	4	12	5	15	9	40	76	121	286
ALLEGHENY	15,570	255	23	32	96	156	262	327	1,081	2,597	4,018	6,719
ARMSTRONG	808	16	1	0	10	1	14	18	40	118	191	399
BEAVER	1,883	48	5	3	10	30	34	49	127	329	473	774
BEDFORD	421	9	1	3	2	7	2	10	25	66	99	197
BERKS	2,943	57	6	3	13	24	42	63	150	422	754	1,409
BLAIR	1,536	21	1	6	6	14	22	32	91	232	388	719
BRADFORD	529	16	2	5	5	6	10	12	34	66	112	261
BUCKS	3,119	83	12	12	38	46	59	96	250	542	697	1,284
BUTLER	1,214	39	3	5	16	16	26	37	81	186	256	547
CAMBRIA	1,799	33	4	5	11	24	26	34	102	317	494	748
CAMERON	72	1	0	1	3	3	4	2	2	13	11	32
CARBON	616	5	0	1	8	4	6	9	42	107	157	277
CENTRE	648	22	2	2	9	8	11	17	39	85	166	287
CHESTER	2,150	65	7	6	23	28	44	63	152	348	454	958
CLARION	372	10	2	1	6	4	7	7	17	41	87	190
CLEARFIELD	844	13	0	3	6	10	13	18	57	140	203	381
CLINTON	391	8	1	0	3	4	6	13	17	53	105	181
COLUMBIA	541	8	2	3	4	6	6	18	34	87	164	209
CRAWFORD	814	20	0	3	5	14	11	10	47	114	217	373
CUMBERLAND	1,331	28	3	5	12	10	20	37	101	193	312	610
DAUPHIN	2,281	67	3	10	15	18	28	55	160	331	565	1,029
DELAWARE	5,371	65	7	10	35	41	80	103	376	901	1,277	2,475
ELK	332	9	0	0	6	3	5	5	21	60	100	123
ERIE	2,357	79	6	10	22	26	45	64	161	372	550	1,022
FAYETTE	1,912	49	3	3	17	15	36	40	129	293	489	838
FOREST	53	0	0	0	0	0	1	2	5	10	17	18
FRANKLIN	958	15	0	1	6	17	17	19	75	140	239	429
FULTON	95	2	1	0	2	1	2	4	2	13	26	42
GREENE	446	7	1	1	1	2	6	12	29	65	122	200
HUNTINGDON	354	6	0	1	7	7	4	6	28	61	108	166
INDIANA	817	15	4	0	16	14	22	18	59	107	208	354
JEFFERSON	469	13	0	0	3	2	4	4	32	70	122	219
JUNIATA	176	2	1	1	1	1	2	3	14	21	39	91
LACKAWANNA	2,799	46	2	9	12	13	31	51	151	481	787	1,216
LANCASTER	3,051	84	10	10	34	32	51	74	151	406	688	1,511
LAWRENCE	1,086	27	1	0	9	19	15	18	65	186	252	494
LEBANON	993	14	3	5	11	11	9	19	68	125	243	485
LEHIGH	2,468	63	2	3	17	17	33	48	156	416	597	1,116
LUZERNE	4,135	57	2	6	22	18	35	87	269	680	1,216	1,743
LYCOMING	1,102	27	1	1	13	10	18	23	62	147	275	525
MCKEAN	546	8	1	1	3	5	9	9	32	87	132	259
MERCER	1,268	24	2	2	11	16	21	23	86	196	308	579
MIFFLIN	415	6	2	2	2	5	7	13	30	45	109	194
MONROE	606	16	2	1	6	10	13	20	37	99	154	248
MONTGOMERY	5,731	75	5	10	42	66	106	113	365	820	1,303	2,824
MONTOUR	213	5	0	0	0	3	2	9	13	20	51	110
NORTHAMPTON	2,138	39	7	8	15	16	34	36	147	326	560	949
NORTHUMBERLAND	1,199	16	1	1	9	9	15	27	61	193	346	521
PERRY	305	6	1	0	4	6	5	5	20	48	77	132
PHILADELPHIA	20,496	531	37	39	119	207	538	666	1,625	3,356	5,250	8,124
PIKE	180	1	0	0	3	0	2	6	12	39	46	71
POTTER	158	2	0	0	2	3	1	2	10	19	42	77
SCHUYLKILL	2,114	26	3	8	15	19	15	48	125	360	646	848
SNYDER	246	4	1	1	2	3	13	5	15	39	66	97
SOMERSET	792	12	3	2	2	13	15	17	51	101	192	384
SULLIVAN	78	3	0	0	1	3	1	1	6	9	18	36
SUSQUEHANNA	362	4	1	1	0	4	6	12	19	63	96	155
TIOGA	366	10	1	3	3	5	3	8	14	40	85	194
UNION	301	6	2	1	1	2	9	8	9	36	67	160
VENANGO	591	15	3	4	11	11	13	21	42	88	137	245
WARREN	464	10	1	1	5	6	12	18	26	65	99	220
WASHINGTON	2,238	42	4	2	12	23	27	51	152	385	571	969
WAYNE	397	10	0	0	2	2	6	11	21	58	98	187
WESTMORELAND	3,579	58	4	8	30	37	58	73	207	591	926	1,587
WYOMING	213	7	1	0	3	5	4	8	7	30	48	100
YORK	2,557	50	6	4	19	36	54	46	161	355	595	1,231

*TOTAL DEATHS INCLUDE UNKNOWN AGE AT DEATH.

TABLE C-19
LEADING CAUSES OF DEATH FOR COUNTIES, NUMBER AND RATE: PENNSYLVANIA, 1979

			HEART DISEASE											
	ALL CAUSES		TOTAL HEART DISEASE		RHEUMATIC FEVER		CHRONIC RHEUMATIC		WITH HYPERTENSION		ISCHEMIC		OTHER	
COUNTY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	117,097	998.2	48,407	412.7	8	0.1	587	5.0	1,423	12.1	34,643	295.3	11,746	100.1
ADAMS	586	919.9	254	398.7	0	-	4	6.3	13	20.4	144	226.1	93	146.0
ALLEGHENY	15,570	1,067.9	6,747	462.8	0	-	80	5.5	150	10.3	4,765	326.8	1,752	120.2
ARMSTRONG	806	1,070.2	382	506.0	1	1.3	2	2.6	11	14.6	306	405.3	62	82.1
BEAVER	1,883	911.0	846	409.3	0	-	15	7.3	34	16.4	663	320.8	134	64.8
BEDFORD	421	967.6	186	427.6	0	-	3	6.9	10	23.0	147	337.9	26	59.8
BERKS	2,943	957.7	1,328	432.2	0	-	13	4.2	43	14.0	988	321.5	284	92.4
BLAIR	1,536	1,142.9	679	505.2	0	-	7	5.2	16	11.9	541	402.5	115	85.6
BRADFORD	529	898.1	195	331.1	0	-	1	1.7	5	8.5	130	220.7	59	100.2
BUCKS	3,119	654.6	1,195	250.8	0	-	14	2.9	25	5.2	850	178.4	306	64.2
BUTLER	1,214	841.9	511	354.4	0	-	4	2.8	9	6.2	404	280.2	94	65.2
CAMBRIA	1,799	978.6	756	411.3	0	-	15	8.2	21	11.4	582	316.6	138	75.1
CAMERON	72	1,074.6	34	507.5	0	-	2	29.9	1	14.9	23	343.3	8	11.9
CARBON	616	1,184.6	297	571.2	0	-	0	-	10	19.2	215	413.5	72	138.5
CENTRE	648	601.7	292	271.1	0	-	6	5.6	13	12.1	222	206.1	51	47.4
CHESTER	2,150	705.1	853	279.8	1	0.3	9	3.0	26	8.5	602	197.4	215	70.5
CLARION	372	892.1	158	378.9	0	-	3	7.2	2	4.8	128	307.0	25	60.0
CLEARFIELD	844	1,061.6	356	447.8	0	-	5	6.3	3	3.8	275	345.9	73	91.8
CLINTON	391	1,045.5	191	510.7	0	-	4	10.7	4	10.7	106	283.4	77	205.9
COLUMBIA	621	1,038.5	259	433.1	0	-	0	-	9	15.1	185	309.4	65	108.7
CRAWFORD	814	959.9	344	405.7	0	-	8	9.4	3	3.5	287	338.4	46	54.2
CUMBERLAND	1,331	771.1	554	321.0	0	-	8	4.6	26	15.1	400	231.7	120	69.5
DAUPHIN	2,281	1012.9	1,033	458.7	1	0.4	9	4.0	19	8.4	529	234.9	475	210.9
DELAWARE	5,391	946.6	2,206	387.4	0	-	41	7.2	97	17.0	1,423	249.9	645	113.3
ELK	332	890.1	138	370.0	0	-	1	2.7	0	-	121	324.4	16	42.9
ERIE	2,357	876.9	966	359.4	0	-	11	4.1	14	5.2	799	297.2	142	52.8
FAYETTE	1,912	1,220.2	913	582.6	0	-	7	4.5	11	7.0	691	441.0	204	130.2
FOREST	53	1,039.2	17	333.3	0	-	0	-	0	-	10	196.1	7	137.3
FRANKLIN	958	892.8	396	369.1	0	-	3	2.8	13	12.1	294	274.0	86	80.1
FULTON	95	819.0	40	344.8	0	-	0	-	2	17.2	27	232.8	11	94.8
GREENE	446	1,161.5	205	533.9	0	-	4	10.4	6	15.6	157	408.9	38	99.0
HUNTINGDON	394	989.9	170	427.1	0	-	2	5.0	5	12.6	122	306.5	41	103.0
INDIANA	817	922.1	381	430.0	0	-	6	6.8	4	4.5	299	337.5	72	81.3
JEFFERSON	469	975.1	204	424.1	1	2.1	2	4.2	8	16.6	137	284.8	56	116.4
JUNIATA	176	967.0	76	417.6	0	-	0	-	2	11.0	57	313.2	17	93.4
LACKAWANNA	2,799	1,217.5	1,277	555.5	0	-	22	9.6	77	33.5	808	351.5	370	160.9
LANCASTER	3,051	862.1	1,228	347.0	0	-	12	3.4	47	13.3	825	233.1	344	97.2
LAWRENCE	1,086	1,033.3	461	438.6	0	-	4	3.8	15	14.3	350	333.0	92	87.5
LEBANON	993	935.0	472	444.4	0	-	7	6.6	14	13.2	363	341.8	88	82.9
LEHIGH	2,468	928.9	1,110	417.8	0	-	20	8.8	39	14.7	829	312.0	222	83.6
LUZERNE	4,135	1,221.9	1,824	539.0	0	-	24	7.1	69	20.4	1,226	362.3	505	149.2
LYCOMING	1,102	961.6	483	421.5	0	-	3	2.6	18	15.7	305	266.1	157	137.0
MCKEAN	546	1,107.5	224	454.4	0	-	1	2.0	10	20.3	161	326.6	52	105.5
MERCER	1,266	1,005.6	556	440.9	0	-	5	4.0	28	22.2	450	356.9	73	57.9
MIFFLIN	415	951.8	180	412.8	0	-	2	4.6	5	11.5	144	330.3	29	66.5
MONROE	606	1,003.3	254	420.5	0	-	1	1.7	2	3.3	184	304.6	67	110.9
MONTGOMERY	5,731	910.0	2,325	369.5	0	-	38	6.0	89	14.1	1,626	258.4	572	90.9
MONTOUR	213	1,267.9	87	517.9	0	-	2	11.9	0	-	59	351.2	26	154.8
NORTHAMPTON	2,138	946.9	966	427.8	0	-	12	5.3	21	9.3	615	272.4	318	140.8
NORTHUMBERLAND	1,199	1,212.3	520	525.8	0	-	3	3.0	11	11.1	405	410.0	101	102.1
PERRY	305	881.5	127	367.1	0	-	1	2.9	4	11.6	92	265.9	30	86.7
PHILADELPHIA	20,490	1,171.9	6,862	392.3	4	0.2	82	4.7	226	12.9	4,718	269.7	1,832	104.7
PIKE	180	1,216.2	83	560.8	0	-	0	-	1	6.8	53	358.1	29	195.9
POTTER	158	940.5	60	357.1	0	-	0	-	3	17.9	34	202.4	23	136.9
SCHUYLKILL	2,114	1,345.6	863	549.3	0	-	8	5.1	20	12.7	678	431.3	157	99.9
SNYDER	246	798.7	108	350.6	0	-	1	3.2	4	13.0	85	276.0	18	58.4
SOMERSET	792	993.7	375	470.5	0	-	6	7.5	16	20.1	304	381.4	49	61.5
SULLIVAN	78	1,278.7	27	442.6	0	-	1	16.4	0	-	15	245.9	11	180.3
SUSQUEHANNA	362	989.1	165	450.8	0	-	3	8.2	6	16.4	114	311.5	42	114.8
TIOGA	366	921.9	156	392.9	0	-	1	2.5	1	2.5	116	292.2	38	95.7
UNION	301	952.5	126	398.7	0	-	0	-	6	19.0	92	291.1	28	88.6
VENANGO	591	965.7	237	387.3	0	-	0	-	6	9.8	199	325.2	32	52.3
WARREN	464	1,019.8	197	433.0	0	-	1	2.2	2	4.4	155	340.7	39	85.7
WASHINGTON	2,218	1,053.2	1,008	478.6	0	-	11	5.2	13	6.2	811	385.1	173	82.1
WAYNE	397	1,102.6	163	452.8	0	-	5	13.9	1	2.8	121	336.1	36	100.0
WESTMORELAND	3,579	932.5	1,568	408.5	0	-	13	3.4	26	6.8	1,292	336.6	237	61.8
WYOMING	213	918.1	78	336.2	0	-	1	4.3	2	8.6	55	237.1	20	86.2
YORK	2,537	859.4	1,075	364.2	0	-	8	2.7	26	8.8	730	247.3	311	105.4

*RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED COUNTY.

TABLE C-19
LEADING CAUSES OF DEATH FOR COUNTIES, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

	MALIGNANT NEOPLASMS									
	TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM		BONE, TISSUE, SKIN AND BREAST	
COUNTY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	25,374	216.3	467	4.0	7,201	61.4	6,167	52.6	2,777	23.7
ADAMS	109	171.1	0	-	29	45.5	23	36.1	16	25.1
ALLEGHENY	3,502	240.2	56	3.8	989	67.8	882	60.5	380	26.1
ARMSTRONG	143	189.4	3	4.0	34	45.0	38	50.3	10	13.2
BEAVER	404	195.5	6	2.9	114	55.1	103	49.8	40	19.4
BEDFORD	79	181.6	1	2.3	18	41.4	18	41.4	5	11.5
BERKS	666	216.7	11	3.6	204	66.4	155	50.4	72	23.4
BLAIR	310	230.7	6	4.5	72	53.6	84	62.5	32	23.8
BRADFORD	111	188.5	1	1.7	25	42.4	22	37.4	17	28.9
BUCKS	726	152.4	5	1.0	198	41.5	155	32.5	96	20.1
BUTLER	253	175.5	8	5.5	71	49.2	46	31.9	31	21.5
CAMBRIA	367	199.7	7	3.8	98	53.3	82	44.6	44	23.9
CAMERON	16	238.8	0	-	5	74.6	1	14.9	1	14.9
CARBON	111	213.5	3	5.8	28	53.8	31	59.6	17	32.7
CENTRE	137	127.2	4	3.7	27	25.1	32	29.7	20	18.6
CHESTER	472	154.6	5	1.6	115	37.7	120	39.4	61	20.0
CLARION	72	172.7	0	-	20	48.0	17	40.8	3	7.2
CLEARFIELD	170	213.8	3	3.8	49	61.6	46	57.9	20	25.2
CLINTON	92	246.0	2	5.3	27	72.2	23	61.5	8	21.4
COLUMBIA	121	202.3	3	5.0	35	58.5	34	56.9	10	16.7
CRAWFORD	180	212.3	1	1.2	65	76.7	42	49.5	15	17.7
CUMBERLAND	296	171.5	4	2.3	82	47.5	66	38.2	37	21.4
DAUPHIN	458	203.4	11	4.9	120	53.3	92	40.9	60	26.6
DELAWARE	1,265	222.1	30	5.3	349	61.3	351	61.6	146	25.6
ELK	74	198.4	1	2.7	28	75.1	17	45.6	6	16.1
ERIE	522	194.2	7	2.6	136	50.6	131	48.7	58	21.6
FAYETTE	361	230.4	4	2.6	102	65.1	94	60.0	29	18.5
FOREST	16	315.7	1	19.6	2	39.2	2	39.2	3	58.8
FRANKLIN	216	201.3	2	1.9	62	57.8	49	45.7	26	24.2
FULTON	18	155.2	0	-	4	34.5	3	25.9	1	8.6
GREENE	91	237.0	1	2.6	30	78.1	23	59.9	7	18.2
HUNTINGDON	88	221.1	0	-	32	80.4	25	62.8	9	22.6
INDIANA	149	168.2	1	1.1	45	50.8	29	32.7	15	16.9
JEFFERSON	95	197.5	2	4.2	26	54.1	16	33.3	8	16.6
JUNIATA	30	164.8	1	5.5	11	60.4	4	22.0	5	27.5
LACKAWANNA	604	262.7	13	5.7	214	93.1	131	57.0	61	26.5
LANCASTER	687	194.1	14	4.0	195	55.1	174	49.2	73	20.6
LAWRENCE	232	220.7	4	3.8	64	60.9	64	60.9	25	23.8
LEBANON	220	207.2	2	1.9	71	66.9	47	44.3	26	24.5
LEHIGH	568	213.8	17	6.4	159	59.8	128	48.2	57	21.5
LUZERNE	812	240.0	16	4.7	261	77.1	167	49.3	97	28.7
LYCOMING	231	201.6	6	5.2	69	60.2	59	51.5	23	20.1
MCKEAN	110	223.1	1	2.0	28	56.8	27	54.8	11	22.3
MERCER	251	199.0	5	4.0	72	57.1	60	47.6	24	19.0
MIFFLIN	76	174.3	0	-	13	29.8	24	55.0	10	22.9
MONROE	142	235.1	2	3.3	35	57.9	33	54.6	22	36.4
MONTGOMERY	1,377	218.6	24	3.8	378	60.1	321	51.0	185	29.4
MONTOUR	44	261.9	0	-	12	71.4	9	53.6	3	17.9
NORTHAMPTON	469	207.7	8	3.5	124	54.9	122	54.0	47	20.8
NORTHUMBERLAND	238	240.6	6	6.1	63	63.7	47	47.5	24	24.3
PERRY	60	173.4	1	2.9	12	34.7	19	54.9	3	8.7
PHILADELPHIA	4,512	258.0	112	6.4	1,339	76.6	1,154	66.0	453	25.9
PIKE	41	277.0	1	6.8	13	87.8	10	67.6	3	20.3
POTTER	38	226.2	2	11.9	10	59.5	4	23.8	3	17.9
SCHUYLKILL	401	255.3	4	2.5	113	71.9	77	49.0	42	26.7
SNYDER	49	159.1	1	3.2	13	42.2	10	32.5	5	16.2
SOMERSET	129	161.9	3	3.8	36	45.2	27	33.9	17	21.3
SULLIVAN	15	245.9	1	16.4	7	114.8	7	114.8	0	-
SUSQUEHANNA	82	224.0	1	2.7	30	82.0	18	49.2	9	24.6
TIOGA	67	168.8	1	2.5	14	35.3	24	60.5	6	15.1
UNION	54	170.9	4	12.7	9	28.5	10	31.6	6	19.0
VENANGO	118	192.8	1	1.6	31	50.7	33	53.9	12	19.6
WARREN	80	175.8	1	2.2	23	50.5	20	44.0	14	30.8
WASHINGTON	465	220.8	6	2.8	115	54.6	146	69.3	46	21.8
WAYNE	87	241.7	1	2.8	27	75.0	16	44.4	7	19.4
WESTMORELAND	764	199.1	8	2.1	233	60.7	197	51.3	66	17.2
WYOMING	39	168.1	0	-	13	56.0	8	34.5	0	-
YORK	592	200.5	11	3.7	153	51.8	118	40.0	89	30.1

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED COUNTY.

TABLE C-19
LEADING CAUSES OF DEATH FOR COUNTIES, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

COUNTY	MALIGNANT NEOPLASMS							
	GENITO-URINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC HEMATOPOIETIC	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	2,781	23.7	3,766	32.1	941	8.0	1,274	10.9
ADAMS	14	22.0	19	29.8	5	7.8	3	4.7
ALLEGHENY	360	24.7	521	35.7	137	9.4	177	12.1
ARMSTRONG	12	15.9	30	39.7	8	10.6	8	10.6
BEAVER	41	19.8	59	28.5	12	5.8	29	14.0
BEDFORD	16	36.8	8	18.4	9	20.7	4	9.2
BERKS	74	24.1	95	30.9	21	6.8	34	11.1
BLAIR	33	24.6	52	36.7	11	8.2	20	14.9
BRADFORD	18	30.6	13	22.1	5	8.5	10	17.0
BUCKS	68	14.3	128	26.9	35	7.3	41	8.6
BUTLER	24	16.6	43	29.8	20	13.9	10	6.9
CAMBRIA	42	22.9	55	29.9	20	10.9	19	10.3
CAMERON	4	59.7	3	44.8	2	29.8	0	-
CARBON	6	11.5	16	30.8	5	9.6	5	9.6
CENTRE	20	18.6	21	19.5	5	4.6	8	7.4
CHESTER	52	17.1	75	24.6	21	6.9	23	7.5
CLARION	11	26.4	12	28.8	5	12.0	4	9.6
CLEARFIELD	14	17.6	25	31.4	6	7.5	7	8.8
CLINTON	10	26.7	15	40.1	4	10.7	3	8.0
COLUMBIA	15	25.1	20	33.4	2	3.3	2	3.3
CRAWFORD	19	22.4	27	31.8	5	5.9	6	7.1
CUMBERLAND	37	21.4	36	20.9	11	6.4	23	13.3
DAUPHIN	60	26.6	70	31.1	22	9.8	23	10.2
DELAWARE	130	22.6	158	27.7	43	7.6	58	10.2
ELK	8	21.4	6	16.1	3	8.0	5	13.4
ERIE	69	25.7	62	23.1	25	9.3	34	12.6
FAYETTE	35	22.3	64	40.8	14	8.9	19	12.1
FOREST	3	58.8	4	78.4	0	-	1	19.6
FRANKLIN	26	24.2	25	23.3	11	10.3	15	14.0
FULTON	5	43.1	3	25.9	0	-	2	17.2
GREENE	5	13.0	18	46.9	4	10.4	3	7.8
HUNTINGDON	5	12.6	10	25.1	3	7.5	4	10.1
INDIANA	15	16.9	25	28.2	4	4.5	15	16.9
JEFFERSON	8	16.6	23	47.8	4	8.3	8	16.6
JUNIATA	2	11.0	5	27.5	1	5.5	1	5.5
LACKAWANNA	64	27.8	74	32.2	18	7.8	29	12.6
LANCASTER	91	25.7	95	26.8	18	5.1	27	7.6
LAWRENCE	18	17.1	35	33.3	10	9.5	12	11.4
LEBANON	24	22.6	29	27.3	11	10.4	10	9.4
LEHIGH	60	30.1	81	30.5	22	8.3	24	9.0
LUZERNE	87	25.7	125	36.9	26	7.7	33	9.8
LYCOMING	25	21.8	24	20.9	6	5.2	19	16.6
MCKEAN	13	26.4	20	40.6	4	8.1	6	12.2
MERCER	28	22.2	37	29.3	8	6.3	17	13.5
MIFFLIN	8	18.3	15	34.4	2	4.6	4	9.2
MONROE	22	36.4	19	31.5	5	8.3	4	6.6
MONTGOMERY	132	21.0	207	32.9	46	7.3	84	13.4
MONTOUR	5	29.8	12	71.4	2	11.9	1	6.0
NORTHAMPTON	52	23.0	67	29.7	24	10.6	25	11.1
NORTHUMBERLAND	39	39.4	36	36.4	7	7.1	16	16.1
PERRY	3	8.7	13	37.6	4	11.6	5	14.5
PHILADELPHIA	499	28.5	635	36.3	145	8.3	175	10.0
PIKE	4	27.0	8	54.1	1	6.8	1	6.8
POTTER	7	41.7	9	53.6	1	6.0	2	11.9
SCHUYLKILL	44	28.0	84	53.5	12	7.6	25	15.9
SNYDER	5	16.2	12	39.0	0	-	3	9.7
SOMERSET	14	17.6	21	26.3	2	2.5	9	11.3
SULLIVAN	0	-	0	-	0	-	0	-
SUSQUEHANNA	8	21.9	12	32.8	1	2.7	3	8.2
TIOGA	9	22.7	7	17.6	2	5.0	4	10.1
UNION	11	34.8	7	22.2	2	6.3	5	15.8
VENANGO	17	27.8	14	22.9	3	4.9	7	11.4
WARREN	3	6.6	9	19.8	4	8.8	6	13.2
WASHINGTON	55	26.1	67	31.8	15	7.1	15	7.1
WAYNE	8	22.2	16	44.4	4	11.1	8	22.2
WESTMORELAND	84	21.9	107	27.9	30	7.8	39	10.2
WYOMING	1	4.3	11	47.4	1	4.3	5	21.6
YORK	60	20.3	112	37.9	22	7.5	27	9.1

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED COUNTY.

TABLE C-19
LEADING CAUSES OF DEATH FOR COUNTIES, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

COUNTY	CEREBROVASCULAR DISEASE		ACCIDENTS				DIABETES MELLITUS		PNEUMONIA AND INFLUENZA		ATHERO-SCLEROSIS		LIVER DISEASE AND CIRRHOSIS	
			MOTOR VEHICLE		OTHER ACCIDENTS									
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	9,132	77.8	2,287	19.5	2,490	21.2	2,383	20.3	2,239	19.1	1,684	14.4	1,608	13.7
ADAMS	42	65.9	35	54.9	11	17.3	19	29.8	13	20.4	18	28.3	6	9.4
ALLEGHENY	1,251	85.8	203	13.9	347	23.8	294	20.2	316	21.7	184	12.6	293	20.1
ARMSTRONG	61	80.8	20	26.5	23	30.5	17	22.5	16	21.2	19	25.2	11	14.6
BEAVER	149	72.1	30	14.5	43	20.8	39	18.9	19	9.2	18	8.7	33	16.0
BEDFORD	40	92.0	19	43.7	11	25.3	7	16.1	8	18.4	13	29.9	3	6.9
BERKS	245	79.7	57	18.5	56	18.2	65	21.2	53	17.2	45	14.6	26	8.5
BLAIR	132	98.2	34	25.3	30	22.3	43	32.0	19	14.1	32	23.8	19	14.1
BRADFORD	32	54.3	22	37.4	14	23.8	22	37.4	12	20.4	36	61.1	2	3.4
BUCKS	245	51.4	93	19.5	64	13.4	51	10.7	62	13.0	24	5.0	41	8.6
BUTLER	103	71.4	49	34.0	20	13.9	15	10.4	43	29.8	29	20.1	16	11.1
CAMBRIA	142	77.3	32	17.4	47	25.6	53	28.8	23	12.5	47	25.6	26	14.1
CAMERON	6	89.6	2	29.9	4	59.7	0	-	2	29.9	1	14.9	0	-
CARBON	37	71.2	13	25.0	15	28.8	23	44.2	7	13.5	9	17.3	5	9.6
CENTRE	55	51.1	23	21.4	17	15.8	10	9.3	6	5.6	11	10.2	7	6.5
CHESTER	143	46.9	63	20.7	40	13.1	33	10.8	41	13.4	33	10.8	27	8.9
CLARION	24	57.6	12	28.8	12	28.8	13	31.2	7	16.8	12	28.8	3	7.2
CLEARFIELD	84	105.7	25	31.4	18	22.6	21	26.4	18	22.6	26	32.7	4	5.0
CLINTON	19	50.8	8	21.4	8	21.4	15	40.1	1	2.7	1	2.7	4	10.7
COLUMBIA	57	95.3	15	25.1	16	26.8	14	23.4	7	11.7	21	35.1	11	18.4
CRAWFORD	65	76.7	21	24.8	17	20.0	10	11.8	24	28.3	10	11.8	10	11.8
CUMBERLAND	110	63.7	41	23.8	30	17.4	17	9.8	22	12.7	34	19.7	19	11.0
DAUPHIN	181	80.4	32	14.2	35	15.5	32	14.2	41	18.2	39	17.3	20	8.9
DELAWARE	377	66.2	76	13.3	109	19.1	90	15.8	102	17.9	81	14.2	83	14.6
ELK	25	67.0	8	21.4	9	24.1	11	29.5	3	8.0	4	10.7	6	16.1
ERIE	199	74.0	61	22.7	55	20.5	48	17.9	51	19.0	34	12.6	40	14.9
FAYETTE	136	86.1	37	23.6	42	26.8	51	32.5	17	10.8	13	8.3	24	15.3
FOREST	2	39.2	1	19.6	1	19.6	2	39.2	3	58.8	1	19.6	1	19.6
FRANKLIN	77	71.8	24	22.4	13	12.1	23	21.4	22	20.5	27	25.2	13	12.1
FULTON	4	34.5	7	60.3	1	8.6	1	8.6	2	17.2	9	77.6	0	-
GREENE	35	91.1	10	26.0	12	31.2	7	18.2	10	26.0	7	18.2	6	15.6
HUNTINGDON	31	77.9	13	32.7	15	37.7	6	15.1	4	10.1	10	25.1	3	7.5
INDIANA	64	72.2	43	48.5	18	20.3	18	20.3	7	7.9	7	7.9	14	15.8
JEFFERSON	42	87.3	9	18.7	6	12.5	15	31.2	4	8.3	11	22.9	4	8.3
JUNIATA	25	137.4	5	27.5	3	16.5	5	27.5	4	22.0	2	11.0	0	-
LACKAWANNA	219	95.3	39	17.0	45	19.6	59	25.7	35	15.2	38	16.5	35	15.2
LANCASTER	244	68.9	87	24.6	55	15.5	79	22.3	68	19.2	68	19.2	19	5.4
LAWRENCE	106	100.9	19	18.1	28	26.6	25	23.8	20	19.0	9	8.6	11	10.5
LEBANON	47	44.3	28	26.4	19	17.9	35	33.0	27	25.4	9	8.5	6	5.7
LEHIGH	172	64.7	50	18.8	36	13.5	67	25.2	48	18.1	33	12.4	33	12.4
LUZERNE	309	91.3	41	12.1	71	21.0	93	27.4	51	15.1	67	19.8	50	14.8
LYCOMING	92	80.3	30	26.2	25	21.8	19	16.6	11	9.6	8	7.0	10	8.7
MCKEAN	55	111.6	12	24.3	13	26.4	5	10.1	12	24.3	22	44.6	9	18.3
MERCER	94	74.5	35	27.8	25	19.8	29	23.0	33	26.2	25	19.8	16	12.7
MIFFLIN	47	107.8	11	25.2	7	16.1	7	16.1	6	13.8	2	4.6	1	2.3
MONROE	41	67.9	25	41.4	14	23.2	12	19.9	11	18.2	4	6.6	7	11.6
MONTGOMERY	455	72.3	121	19.2	88	14.0	113	18.0	140	22.3	64	10.2	86	13.7
MONTOUR	16	95.2	1	6.0	4	23.8	7	41.7	4	23.8	2	11.9	3	17.9
NORTHAMPTON	170	75.3	48	21.3	33	14.6	32	14.2	42	18.6	26	11.5	30	13.3
NORTHUMBERLAND	117	118.3	35	35.4	19	19.2	31	31.3	16	16.2	14	14.2	18	18.2
PERRY	29	83.8	15	43.4	6	17.3	8	23.1	11	31.8	5	14.5	6	17.3
PHILADELPHIA	1,466	83.8	200	11.4	511	29.2	329	18.8	477	27.3	167	9.5	319	18.2
PIKE	11	74.3	5	33.8	3	20.3	3	20.3	3	20.3	5	33.8	1	6.8
POTTER	14	83.5	3	17.9	2	11.9	6	35.7	2	11.9	1	6.0	3	17.9
SCHUYLKILL	144	91.7	44	28.0	45	28.6	75	47.7	25	15.9	20	12.7	37	23.6
SNYDER	26	84.4	4	13.0	7	22.7	4	13.0	3	9.7	4	13.0	2	6.5
SOMERSET	75	94.1	23	28.9	22	27.6	12	15.1	8	10.0	22	27.6	11	13.8
SULLIVAN	8	131.1	5	82.0	1	16.4	1	16.4	4	65.6	3	49.2	0	-
SUSQUEHANNA	26	71.0	4	10.9	10	27.3	7	19.1	3	8.2	6	16.4	4	10.9
TIOGA	39	98.2	13	32.7	3	7.6	15	37.8	7	17.6	7	17.6	3	7.6
UNION	40	126.6	5	15.8	6	19.0	13	41.1	5	15.8	2	6.3	1	3.2
VENANGO	51	83.3	22	35.9	19	31.0	15	24.5	13	21.2	8	13.1	7	11.4
WARREN	54	118.7	13	28.6	14	30.8	3	6.6	15	33.0	10	22.0	11	24.2
WASHINGTON	166	78.7	31	14.7	48	22.8	54	25.6	51	24.2	35	16.6	22	10.4
WAYNE	36	100.0	8	22.2	8	22.2	8	22.2	4	11.1	6	16.7	3	8.3
WESTMORELAND	306	79.7	83	21.6	92	24.0	72	18.8	46	12.0	80	20.8	41	10.7
WYOMING	27	116.4	6	25.9	3	12.9	10	43.1	1	4.3	16	69.0	1	4.3
YORK	188	63.7	78	26.4	46	15.6	47	15.9	48	16.3	28	9.5	22	7.5

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED COUNTY.

TABLE C-19
LEADING CAUSES OF DEATH FOR COUNTIES, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

COUNTY	CONGENITAL ANOMALIES		SEPTICEMIA		BENIGN AND UNSPECIFIED NEOPLASMS		HYPERTENSION		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		PARKINSON'S DISEASE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	648	5.5	560	4.8	467	4.0	334	2.8	304	2.6	286	2.4	200	1.7
ADAMS	3	4.7	2	3.1	3	4.7	0	-	3	4.7	1	1.6	1	1.6
ALLEGHENY	63	4.3	85	5.8	57	3.9	50	3.4	30	2.1	32	2.2	35	2.4
ARMSTRONG	2	2.6	4	5.3	3	4.0	1	1.3	1	1.3	1	1.3	1	1.3
BEAVER	11	5.3	2	1.0	9	4.4	2	1.0	10	4.8	4	1.9	4	1.9
BEDFORD	0	-	0	-	1	2.3	1	2.3	1	2.3	0	-	1	2.3
BERKS	15	4.9	6	2.0	7	2.3	7	2.3	11	3.6	8	2.6	3	1.0
BLAIR	3	2.2	1	0.7	7	5.2	2	1.5	2	1.5	5	3.7	4	3.0
BRADFORD	7	11.9	2	3.4	3	5.1	1	1.7	0	-	1	1.7	0	-
BUCKS	28	5.9	14	2.9	14	2.9	13	2.7	5	1.0	5	1.0	8	1.7
BUTLER	7	4.9	6	4.2	6	4.2	1	0.7	2	1.4	3	2.1	2	1.4
CAMBRIA	11	6.0	6	3.3	8	4.4	6	3.3	2	1.1	5	2.7	3	1.6
CAMERON	2	29.9	0	-	0	-	0	-	0	-	0	-	0	-
CARBON	2	3.8	1	1.9	1	1.9	2	3.8	2	3.8	1	1.9	0	-
CENTRE	6	5.6	3	2.8	3	2.8	0	-	3	2.8	3	2.8	1	0.9
CHESTER	15	4.9	15	4.9	11	3.6	13	4.3	4	1.3	6	2.0	7	2.3
CLARION	6	14.8	3	7.4	2	4.9	2	4.9	0	-	3	7.4	0	-
CLEARFIELD	7	8.6	2	2.5	3	3.7	1	1.2	0	-	1	1.2	3	3.7
CLINTON	6	16.2	1	2.7	1	2.7	3	8.1	0	-	1	2.7	0	-
COLUMBIA	3	5.0	3	5.0	3	5.0	1	1.7	4	6.7	2	3.3	1	1.7
CRAWFORD	8	9.4	1	1.2	1	1.2	3	3.5	1	1.2	1	1.2	2	2.4
CUMBERLAND	8	4.6	4	2.3	3	1.7	2	1.2	1	0.6	6	3.5	3	1.7
DAUPHIN	21	9.1	22	9.5	5	2.2	4	1.8	9	3.9	4	1.8	3	1.3
DELAWARE	23	4.0	24	4.2	29	5.1	11	1.9	13	2.3	18	3.2	9	1.6
ELK	4	10.7	1	2.7	0	-	0	-	2	5.4	0	-	0	-
ERIE	9	3.3	2	0.7	15	5.4	10	3.7	9	3.3	6	2.2	5	1.9
FAYETTE	6	3.8	13	8.3	3	1.9	5	3.2	6	3.8	6	3.8	3	1.9
FOREST	0	-	1	19.6	0	-	0	-	1	19.6	0	-	0	-
FRANKLIN	7	6.5	2	1.9	3	2.8	2	1.9	2	1.9	2	1.9	2	1.9
FULTON	0	-	1	8.0	1	8.0	0	-	0	-	1	8.0	0	-
GREENE	3	7.8	2	5.2	2	5.2	2	5.2	2	5.2	4	10.4	0	-
HUNTINGDON	0	-	1	2.5	1	2.5	3	7.5	3	7.5	1	2.5	1	2.5
INDIANA	3	3.4	0	-	5	5.6	1	1.1	2	2.3	0	-	2	2.3
JEFFERSON	2	4.2	1	2.1	2	4.2	4	8.3	3	6.2	3	6.2	2	4.2
JUNIATA	1	5.5	0	-	1	5.5	2	11.0	1	5.5	1	5.5	0	-
LACKAWANNA	13	5.7	11	4.8	11	4.8	7	3.0	8	3.5	7	3.0	3	1.3
LANCASTER	23	6.5	11	3.1	19	5.4	17	4.8	12	3.4	8	2.3	10	2.8
LAWRENCE	8	7.6	3	2.9	2	1.9	3	2.9	1	1.0	0	-	0	-
LEBANON	6	5.6	3	2.8	1	0.9	1	0.9	3	2.8	0	-	0	-
LEHIGH	13	4.9	10	3.8	11	4.1	6	2.3	7	2.6	5	1.9	6	2.3
LUZERNE	20	5.9	8	2.4	11	3.3	8	2.4	12	3.5	13	3.8	2	0.6
LYCOMING	6	5.1	3	2.6	11	9.4	4	3.4	2	1.7	3	2.6	0	-
MCKEAN	1	2.0	1	2.0	1	2.0	0	-	3	6.1	4	8.1	0	-
MERCER	12	9.5	8	6.3	3	2.4	4	3.2	6	4.8	3	2.4	1	0.8
MIFFLIN	4	9.2	3	6.9	0	-	1	2.3	1	2.3	2	4.6	0	-
MONROE	7	11.6	4	6.6	1	1.7	1	1.7	0	-	2	3.3	0	-
MONTGOMERY	36	5.6	39	6.1	38	6.0	26	4.1	12	1.9	13	2.1	14	2.2
MONTOUR	2	11.9	1	6.0	0	-	0	-	0	-	0	-	1	6.0
NORTHAMPTON	12	5.3	9	4.0	11	4.9	8	3.5	5	2.2	4	1.8	2	0.9
NORTHUMBERLAND	5	5.1	4	4.0	4	4.0	2	2.0	3	3.0	3	3.0	2	2.0
PERRY	2	5.8	0	-	0	-	2	5.8	0	-	0	-	2	5.8
PHILADELPHIA	107	6.1	170	9.7	73	4.2	43	2.5	47	2.7	53	3.0	26	1.5
PIKE	1	6.8	0	-	2	13.5	0	-	1	6.8	0	-	2	13.5
POTTER	0	-	5	29.6	0	-	0	-	1	6.0	0	-	0	-
SCHUYLKILL	8	5.1	6	3.8	6	3.8	12	7.6	4	2.5	6	3.8	5	3.2
SNYDER	5	15.2	0	-	0	-	0	-	0	-	1	3.0	0	-
SOMERSET	4	5.0	1	1.3	5	6.3	6	7.5	0	-	2	2.5	3	3.8
SULLIVAN	0	-	0	-	0	-	0	-	0	-	0	-	1	16.4
SUSQUEHANNA	1	2.7	0	-	2	5.5	1	2.7	2	5.5	0	-	1	2.7
TIOGA	3	7.6	0	-	1	2.5	0	-	2	5.0	0	-	0	-
UNION	2	6.3	2	6.3	0	-	1	3.2	1	3.2	1	3.2	1	3.2
VENANGO	1	1.6	1	1.6	5	8.2	2	3.3	4	6.5	0	-	0	-
WARREN	2	4.4	2	4.4	1	2.2	0	-	1	2.2	3	6.6	0	-
WASHINGTON	12	5.7	12	5.7	8	3.8	4	1.9	9	4.3	2	0.9	4	1.9
WAYNE	0	-	1	2.8	2	5.6	1	2.8	1	2.8	0	-	0	-
WESTMORELAND	18	4.7	12	3.1	18	4.7	11	2.9	13	3.4	12	3.1	5	1.3
WYOMING	1	4.3	1	4.3	0	-	2	8.6	0	-	0	-	0	-
YORK	14	4.7	11	3.7	8	2.7	6	2.0	8	2.7	4	1.4	2	0.7

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED COUNTY.

TABLE C-19
LEADING CAUSES OF DEATH FOR COUNTIES, NUMBER AND RATE:
PENNSYLVANIA, 1979 (CONT'D)

COUNTY	SUICIDE		PERINATAL CONDITIONS		NEPHRITIS AND NEPHROSIS		AORTIC ANEURYSM		PNEUMOCONIOSIS		HOMICIDE		EMPHYSEMA	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	1,346	11.5	1,186	10.1	1,017	8.7	925	7.9	850	7.2	760	6.5	648	5.5
ADAMS	7	11.0	4	6.3	4	6.3	7	11.0	0	-	0	-	4	6.3
ALLEGHENY	176	12.1	143	9.8	148	10.2	97	6.7	11	0.8	105	7.2	80	5.5
ARMSTRONG	14	18.5	8	10.6	7	9.3	4	5.3	1	1.3	1	1.3	7	9.3
BEAVER	28	13.5	23	11.1	20	9.7	12	5.8	1	0.5	14	6.8	6	2.9
BEDFORD	4	9.2	4	9.2	3	6.9	3	6.9	0	-	1	2.3	4	9.2
BERKS	46	15.0	26	8.5	35	11.4	31	10.1	2	0.7	6	2.0	20	6.5
BLAIR	20	14.9	9	6.7	7	5.2	16	11.9	1	0.7	9	6.7	17	12.6
BRADFORD	4	6.8	4	6.8	4	6.8	2	3.4	0	-	2	3.4	3	5.1
BUCKS	55	11.5	33	6.9	18	3.8	26	5.5	2	0.4	15	3.1	12	2.5
BUTLER	17	11.8	27	18.7	9	6.2	13	9.0	1	0.7	4	2.8	7	4.9
CAMBRIA	22	12.0	19	10.3	17	9.2	18	9.8	30	16.3	2	1.1	12	6.5
CAMERON	3	44.8	0	-	0	-	0	-	0	-	0	-	1	14.9
CARBON	4	7.7	4	7.7	8	15.4	9	17.3	22	42.3	0	-	4	7.7
CENTRE	4	3.7	8	7.4	2	1.9	2	1.9	1	0.9	0	-	9	8.4
CHESTER	42	13.8	38	12.5	19	6.2	24	7.9	1	0.3	14	4.6	11	3.6
CLARION	1	2.4	4	9.6	4	9.6	3	7.2	0	-	0	-	3	7.2
CLEARFIELD	4	5.0	7	8.8	4	5.0	15	18.9	2	2.5	1	1.3	4	5.0
CLINTON	4	10.7	4	10.7	2	5.3	3	8.0	1	2.7	1	2.7	0	-
COLUMBIA	9	15.1	1	1.7	5	8.4	7	11.7	15	25.1	0	-	2	3.3
CRAWFORD	9	10.6	6	7.1	8	9.4	7	8.3	0	-	4	4.7	8	9.4
CUMBERLAND	16	9.3	12	7.0	7	4.1	10	5.8	1	0.6	2	1.2	6	3.5
DAUPHIN	35	15.5	40	17.8	35	15.5	15	6.7	3	1.3	11	4.9	15	6.7
DELAWARE	72	12.6	42	7.4	45	7.9	58	10.2	2	0.4	25	4.4	32	5.6
ELK	3	8.0	4	10.7	2	5.4	7	18.8	1	2.7	0	-	0	-
ERIE	20	7.4	53	19.7	14	5.2	18	6.7	1	0.4	5	1.9	15	5.6
FAYETTE	20	12.8	26	16.6	16	10.2	7	4.5	19	12.1	13	8.3	9	5.7
FOREST	0	-	0	-	0	-	1	19.6	0	-	0	-	0	-
FRANKLIN	9	8.4	5	4.7	3	2.8	12	11.2	0	-	3	2.8	3	2.8
FULTON	0	-	0	-	0	-	2	17.2	0	-	0	-	0	-
GREENE	3	7.8	0	-	6	15.6	3	7.8	4	10.4	0	-	5	13.0
HUNTINGDON	6	15.1	4	10.1	3	7.5	0	-	2	5.0	1	2.5	2	5.0
INDIANA	7	7.9	7	7.9	3	3.4	7	7.9	10	11.3	5	5.6	2	2.3
JEFFERSON	2	4.2	6	12.5	3	6.2	6	12.5	2	4.2	0	-	3	6.2
JUNIATA	2	11.0	0	-	1	5.5	2	11.0	0	-	0	-	4	22.0
LACKAWANNA	14	6.1	25	10.9	15	6.5	14	6.1	101	43.9	4	1.7	14	6.1
LANCASTER	35	9.9	36	10.2	28	7.9	34	9.6	3	0.8	7	2.0	24	6.8
LAWRENCE	16	15.2	11	10.5	14	13.3	10	9.5	1	1.0	7	6.7	4	3.8
LEBANON	11	10.4	5	4.7	6	5.6	7	6.6	0	-	0	-	3	2.8
LEHIGH	23	8.7	39	14.7	18	6.8	28	10.5	3	1.1	11	4.1	12	4.5
LUZERNE	30	8.9	32	9.5	35	10.3	21	6.2	315	93.1	10	3.0	20	5.9
LYCOMING	14	12.2	9	7.9	12	10.5	7	6.1	2	1.7	2	1.7	15	13.1
MCKEAN	5	10.1	5	10.1	5	10.1	7	14.2	0	-	0	-	2	4.1
MERCER	10	7.9	8	6.3	4	3.2	9	7.1	1	0.8	6	4.8	13	10.3
MIFFLIN	7	16.1	3	6.9	5	11.5	2	4.6	2	4.6	0	-	4	9.2
MONROE	8	13.2	6	9.9	6	9.9	8	13.2	0	-	1	1.7	5	8.3
MONTGOMERY	78	12.4	31	4.9	41	6.5	51	8.1	2	0.3	19	3.0	28	4.5
MONTOUR	4	23.8	2	11.9	3	17.9	2	11.9	1	6.0	1	6.0	2	11.9
NORTHAMPTON	26	11.5	14	6.2	19	8.4	24	10.6	2	0.9	5	2.2	10	4.4
NORTHUMBERLAND	9	9.1	8	8.1	7	7.1	9	9.1	45	45.5	0	-	11	11.1
PERRY	3	8.7	2	5.8	3	8.7	2	5.8	0	-	1	2.9	2	5.8
PHILADELPHIA	216	12.3	265	15.2	229	13.1	120	6.9	10	0.6	400	22.9	72	4.1
PIKE	3	20.3	0	-	1	6.8	2	13.5	0	-	1	6.8	2	13.5
POTTER	0	-	1	6.0	2	11.9	0	-	0	-	0	-	1	6.0
SCHUYLKILL	17	10.8	14	8.9	19	12.1	19	12.1	191	121.6	7	4.5	23	14.6
SNYDER	3	9.7	1	3.2	3	9.7	1	3.2	0	-	1	3.2	2	6.5
SOMERSET	11	13.8	3	3.8	2	2.5	7	8.8	8	10.0	0	-	8	10.0
SULLIVAN	0	-	0	-	1	16.4	0	-	1	16.4	0	-	1	16.4
SUSQUEHANNA	5	13.7	1	2.7	2	5.5	4	10.9	2	5.5	0	-	2	5.5
TIOGA	6	15.1	4	10.1	4	10.1	3	7.6	1	2.5	1	2.5	3	7.6
UNION	1	3.2	3	9.5	2	6.3	6	19.0	1	3.2	2	6.3	2	6.3
VENANGO	5	8.2	9	14.7	5	8.2	2	3.3	2	3.3	3	4.9	3	4.9
WARREN	3	6.6	4	8.8	2	4.4	3	6.6	0	-	0	-	3	6.6
WASHINGTON	35	16.6	20	9.5	12	5.7	12	5.7	8	3.8	9	4.3	10	4.7
WAYNE	6	16.7	7	19.4	3	8.3	5	13.9	1	2.8	2	5.6	3	8.3
WESTMORELAND	35	9.1	23	6.0	25	6.5	27	7.0	5	1.3	8	2.1	17	4.4
WYOMING	4	17.2	3	12.9	2	8.6	0	-	3	12.9	1	4.3	1	4.3
YORK	35	11.9	21	7.1	20	6.8	32	10.8	3	10.2	7	23.7	16	5.4

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED COUNTY.

TABLE C-19
LEADING CAUSES OF DEATH FOR COUNTIES, NUMBER AND RATE:
PENNSYLVANIA, 1979 (CONT'D)

COUNTY	ANEMIAS		DISEASES OF PANCREAS		BRONCHITIS, CHRONIC AND UNSPECIFIED		VENOUS EMBOLISM AND THROMBOSIS		GALL BALDDER DISORDERS		ALCOHOLISM		INFECTIONS OF KIDNEY	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	199	1.7	170	1.4	154	1.3	149	1.3	142	1.2	140	1.2	136	1.2
ADAMS	0	-	0	-	0	-	0	-	0	-	1	1.6	2	3.1
ALLEGHENY	23	1.6	18	1.2	19	1.3	11	0.8	18	1.2	20	1.4	20	1.4
ARMSTRONG	1	1.3	1	1.3	1	1.3	1	1.3	1	1.3	1	1.3	0	-
BEAVER	4	1.9	2	1.0	4	1.9	2	1.0	5	2.4	1	0.5	3	1.5
BEDFORD	0	-	1	2.3	0	-	1	2.3	1	2.3	0	-	0	-
BERKS	3	1.0	1	0.3	4	1.3	4	1.3	2	0.7	1	0.3	1	0.3
BLAIR	2	1.5	2	1.5	5	3.7	3	2.2	4	3.0	3	2.2	2	1.5
BRADFORD	1	1.7	2	3.4	0	-	4	6.8	1	1.7	1	1.7	0	-
BUCKS	4	0.8	6	1.3	4	0.8	0	-	3	0.6	3	0.6	0	-
BUTLER	2	1.4	1	0.7	0	-	1	0.7	0	-	1	0.7	0	-
CAMBRIA	3	1.6	2	1.1	3	1.6	1	0.5	0	-	1	0.5	1	0.5
CAMERON	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CARBON	1	1.9	1	1.9	2	3.8	1	1.9	1	1.9	0	-	1	1.9
CENTRE	0	-	0	-	1	0.9	1	0.9	0	-	1	0.9	1	0.9
CHESTER	5	1.6	3	1.0	0	-	3	1.0	5	1.6	1	0.3	4	1.3
CLARION	0	-	1	2.4	0	-	0	-	1	2.4	0	-	0	-
CLEARFIELD	2	2.5	3	3.8	0	-	1	1.3	2	2.5	0	-	2	2.5
CLINTON	0	-	0	-	0	-	0	-	0	-	0	-	0	-
COLUMBIA	0	-	1	1.7	1	1.7	2	3.3	0	-	0	-	0	-
CRAWFORD	0	-	3	3.5	3	3.5	5	5.9	0	-	2	2.4	0	-
CUMBERLAND	1	0.6	1	0.6	4	2.3	1	0.6	2	1.2	1	0.6	2	1.2
DAUPHIN	2	0.9	2	0.9	2	0.9	2	0.9	4	1.8	1	0.4	5	2.2
DELAWARE	6	1.1	9	1.6	9	1.6	12	2.1	6	1.1	12	2.1	6	2.1
ELK	2	5.4	0	-	1	2.7	1	2.7	2	5.4	0	-	0	-
ERIE	4	1.5	4	1.5	5	1.9	2	0.7	4	1.5	2	0.7	3	1.1
FAYETTE	3	1.9	3	1.9	4	2.6	4	2.6	5	3.2	2	1.3	2	1.3
FOREST	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRANKLIN	5	4.7	1	0.9	1	0.9	2	1.9	0	-	0	-	2	1.9
FULTON	0	-	0	-	0	-	0	-	0	-	0	-	1	8.6
GREENE	1	2.6	1	2.6	2	5.2	0	-	0	-	0	-	2	5.2
HUNTINGDON	0	-	1	2.5	1	2.5	0	-	0	-	2	5.0	0	-
INDIANA	1	1.1	0	-	4	4.5	1	1.1	0	-	1	1.1	0	-
JEFFERSON	3	6.2	0	-	0	-	0	-	1	2.0	1	2.0	0	-
JUNIATA	0	-	0	-	1	5.5	0	-	0	-	0	-	1	5.5
LACKAWANNA	5	2.2	6	2.6	5	2.2	3	1.3	3	1.3	1	0.4	1	0.4
LANCASTER	7	2.0	1	0.3	2	0.6	3	0.6	1	0.3	0	-	4	1.1
LAWRENCE	0	-	1	1.0	2	1.9	4	3.8	3	3.0	1	1.0	2	1.9
LEBANON	2	0.9	2	1.9	0	-	1	0.9	0	-	0	-	2	1.9
LEHIGH	8	3.0	2	0.8	5	1.9	4	1.5	2	0.8	1	0.4	1	0.4
LUZERNE	6	1.8	9	2.7	3	0.9	4	1.2	5	1.5	1	0.3	5	1.5
LYCOMING	1	0.9	2	1.7	2	1.7	1	0.9	1	0.9	2	1.7	1	0.9
MCKEAN	2	4.1	0	-	1	2.0	0	-	2	4.1	0	-	1	2.0
MERCER	5	4.0	1	0.8	3	2.4	1	0.8	0	-	3	2.4	4	3.2
MIFFLIN	0	-	0	-	1	2.3	0	-	0	-	1	2.3	0	-
MONROE	2	3.3	2	3.3	0	-	0	-	1	1.7	1	1.7	1	1.7
MONTGOMERY	10	1.6	13	2.1	10	1.6	5	1.0	8	1.3	4	0.6	7	1.1
MONTOUR	1	6.0	1	6.0	0	-	0	-	0	-	0	-	0	-
NORTHAMPTON	1	0.4	2	0.9	0	-	4	1.8	4	1.8	2	0.9	2	0.9
NORTHUMBERLAND	2	2.0	4	4.0	2	2.0	3	3.0	1	1.0	0	-	3	3.0
PERRY	0	-	1	2.9	0	-	2	5.8	0	-	0	-	0	-
PHILADELPHIA	40	2.3	33	1.9	20	1.1	25	1.4	20	1.1	49	2.8	23	1.3
PIKE	0	-	1	6.8	0	-	0	-	0	-	1	6.8	1	6.8
POTTER	0	-	0	-	0	-	0	-	1	6.0	0	-	1	6.0
SCHUYLKILL	2	1.3	0	-	1	0.6	5	3.2	4	2.5	1	0.6	3	1.9
SNYDER	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SOMERSET	1	1.3	0	-	0	-	2	2.5	2	2.5	0	-	1	1.3
SULLIVAN	0	-	0	-	0	-	0	-	0	-	1	16.4	0	-
SUSQUEHANNA	2	5.5	1	2.7	1	2.7	0	-	0	-	0	-	0	-
TIOGA	0	-	0	-	2	5.0	0	-	0	-	0	-	0	-
UNION	0	-	1	3.2	0	-	0	-	1	3.2	0	-	0	-
VENANGO	0	-	1	1.6	0	-	1	1.6	1	1.6	2	3.3	1	1.6
WARREN	1	2.2	0	-	0	-	1	2.2	1	2.2	0	-	1	2.2
WASHINGTON	2	0.9	6	2.8	1	0.5	2	0.9	4	1.9	5	2.4	4	1.9
WAYNE	1	2.8	2	5.6	1	2.8	0	-	2	5.6	0	-	0	-
WESTMORELAND	13	3.4	5	1.3	5	1.3	4	1.0	4	1.0	1	0.3	1	0.3
WYOMING	3	12.9	0	-	0	-	0	-	0	-	0	-	0	-
YORK	3	1.0	3	1.0	6	2.0	7	2.4	3	1.0	4	1.4	5	1.7

* RATE PER 1,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED COUNTY.

TABLE C-19
LEADING CAUSES OF DEATH FOR COUNTIES, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

COUNTY	TUBERCULOSIS		NUTRITIONAL DEFICIENCIES		MULTIPLE SCLEROSIS		EPILEPSY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	118	1.0	112	1.0	91	0.8	83	0.7	76	0.6	10,400	
ADAMS	0	-	0	-	1	1.6	0	-	0	-	36	56.5
ALLEGHENY	13	0.9	16	1.1	12	0.8	13	0.9	6	0.4	1,132	77.6
ARMSTRONG	0	-	0	-	0	-	0	-	0	-	55	72.8
BEAVER	3	1.5	2	1.0	2	1.0	2	1.0	0	-	126	61.0
BEDFORD	0	-	0	-	0	-	0	-	0	-	29	66.7
BERKS	3	1.0	1	0.3	2	0.7	1	0.3	1	0.3	155	50.4
BLAIR	1	0.7	1	0.7	2	1.5	0	-	1	0.7	109	81.1
BRADFORD	0	-	0	-	0	-	0	-	0	-	41	69.6
BUCKS	0	-	4	0.8	4	0.8	1	0.2	1	0.2	340	71.4
BUTLER	0	-	1	0.7	1	0.7	0	-	1	0.7	62	43.0
CAMBRIA	3	1.6	0	-	0	-	2	1.1	1	0.5	128	69.6
CAMERON	0	-	0	-	0	-	0	-	0	-	1	14.9
CARBON	1	1.9	0	-	0	-	0	-	0	-	31	59.6
CENTRE	1	0.9	1	0.9	2	1.9	1	0.9	1	0.9	35	32.5
CHESTER	1	0.3	0	-	1	0.3	2	0.7	1	0.3	199	65.3
CLARION	0	-	0	-	0	-	0	-	0	-	26	62.4
CLEARFIELD	0	-	2	2.5	1	1.3	0	-	0	-	55	69.2
CLINTON	1	2.7	0	-	0	-	0	-	0	-	24	64.2
COLUMBIA	1	1.7	0	-	1	1.7	0	-	0	-	38	63.5
CRAWFORD	0	-	3	3.5	2	2.4	0	-	1	1.2	55	64.9
CUMBERLAND	0	-	0	-	4	2.3	2	2.3	2	2.3	107	62.0
DAUPHIN	5	2.2	6	2.7	1	0.4	1	0.4	0	-	157	69.7
DELAWARE	6	1.4	0	-	3	0.5	8	1.4	4	0.7	516	90.6
ELK	0	-	0	-	0	-	0	-	0	-	24	64.3
ERIE	2	0.7	3	1.1	2	0.7	2	0.7	3	1.1	164	61.0
FAYETTE	2	1.3	4	2.6	1	0.6	0	-	1	0.6	133	84.9
FOREST	0	-	1	19.6	0	-	0	-	0	-	5	98.0
FRANKLIN	2	1.9	0	-	1	0.9	0	-	0	-	78	72.7
FULTON	0	-	0	-	0	-	0	-	0	-	7	60.3
GREENE	0	-	1	2.6	0	-	1	2.6	1	2.6	18	46.9
HUNTINGDON	0	-	0	-	0	-	0	-	0	-	22	55.3
INDIANA	0	-	0	-	1	1.1	1	1.1	0	-	53	59.8
JEFFERSON	0	-	1	2.1	0	-	0	-	0	-	34	70.7
JUNIATA	0	-	0	-	0	-	0	-	0	-	9	49.5
LACKAWANNA	6	2.6	5	2.2	2	0.9	0	-	0	-	164	71.3
LANCASTER	1	0.3	2	0.6	1	0.3	4	1.1	2	0.6	221	62.4
LAWRENCE	1	1.0	3	2.9	1	1.0	1	1.0	1	1.0	75	71.4
LEBANON	1	0.9	0	-	3	2.8	0	-	0	-	73	68.7
LEHIGH	0	-	4	1.5	0	-	3	1.1	1	0.4	128	48.2
LUZERNE	5	1.5	0	-	5	1.5	2	0.6	1	0.3	235	69.4
LYCOMING	2	1.7	1	0.9	1	0.9	1	0.9	1	0.9	87	75.9
MCKEAN	0	-	0	-	0	-	1	2.0	0	-	43	87.2
MERCER	2	1.6	2	1.6	1	0.8	1	0.8	2	1.6	91	72.2
MIFFLIN	1	2.3	0	-	0	-	2	4.6	0	-	39	89.4
MONROE	0	-	0	-	0	-	0	-	0	-	40	66.2
MONTGOMERY	2	0.3	4	0.6	1	0.2	4	0.6	7	1.1	472	75.0
MONTOUR	0	-	0	-	0	-	0	-	2	11.9	21	125.0
NORTHAMPTON	2	0.9	2	0.9	2	0.9	2	0.9	1	0.4	147	65.1
NORTHUMBERLAND	0	-	0	-	0	-	1	1.0	1	1.0	62	62.7
PERRY	0	-	0	-	0	-	1	2.9	1	2.9	14	40.5
PHILADELPHIA	36	2.1	30	1.7	21	1.2	13	0.7	24	1.4	3,491	199.6
PIKE	0	-	0	-	0	-	0	-	0	-	7	47.3
POTTER	0	-	0	-	0	-	0	-	0	-	17	101.2
SCHUYLKILL	2	1.3	2	1.3	0	-	4	2.5	0	-	99	63.0
SNYDER	0	-	2	6.5	0	-	0	-	0	-	20	64.9
SOMERSET	0	-	0	-	0	-	0	-	1	1.3	48	60.2
SULLIVAN	0	-	0	-	0	-	0	-	0	-	9	147.5
SUSQUEHANNA	0	-	1	2.7	0	-	0	-	1	2.7	26	71.0
TIOGA	0	-	0	-	0	-	0	-	0	-	26	65.5
UNION	0	-	1	3.2	1	3.2	1	3.2	0	-	19	60.1
VENANGO	2	3.3	0	-	0	-	1	1.6	1	1.6	49	80.1
WARREN	0	-	0	-	0	-	1	2.2	0	-	38	83.5
WASHINGTON	3	1.4	2	0.9	2	0.9	3	1.4	1	0.5	146	69.3
WAYNE	0	-	0	-	0	-	0	-	0	-	36	100.0
WESTMORELAND	2	0.5	2	0.5	4	1.0	0	-	1	0.3	256	66.7
WYOMING	0	-	1	4.3	0	-	0	-	0	-	10	43.1
YORK	3	1.0	1	0.3	2	0.7	0	-	2	0.7	187	63.3

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED COUNTY.

TABLE C-20
RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, AND NEONATAL DEATHS FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1979

CITY	TOTAL DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		NEONATAL DEATHS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER**	RATE*	NUMBER	RATE*	NUMBER	RATE*
PITTSBURGH	5,827	13.5	5,596	12.9	125	21.8	107	19.1	81	14.5
MCKEESPORT	465	14.7	512	16.2	14	26.6	8	15.6	6	11.7
READING	1,038	13.4	1,339	17.3	17	12.5	21	15.7	14	10.5
ALTOONA	763	13.6	887	15.8	11	12.2	9	10.1	6	6.8
JOHNSTOWN	579	15.2	520	13.7	9	17.0	12	23.1	9	17.3
STATE COLLEGE	116	3.0	193	4.9	3	15.3	4	20.7	3	15.5
HARRISBURG	780	14.4	1,185	21.8	34	27.9	31	26.2	27	22.8
CHESTER	574	13.0	937	21.2	12	12.6	13	13.9	10	10.7
ERIE	1,243	10.3	2,250	18.6	51	22.2	40	17.8	31	13.8
SCRANTON	1,316	14.5	1,100	12.2	12	10.8	17	15.5	14	12.7
LANCASTER	660	11.6	1,054	18.6	13	12.2	20	19.0	17	16.1
NEW CASTLE	496	14.1	524	14.9	5	9.5	12	22.9	9	17.2
LEBANON	319	11.3	405	14.3	6	14.6	3	7.4	1	2.5
ALLENTOWN	1,172	11.6	1,566	15.5	19	12.0	28	17.9	22	14.0
BETHLEHEM	762	10.6	833	11.5	12	14.2	11	13.2	11	13.2
WILKES-BARRE	833	15.4	640	11.9	9	13.9	9	14.1	7	10.9
HAZLETON	367	13.0	333	11.8	7	20.6	4	12.0	4	12.0
WILLIAMSPORT	335	9.9	616	18.3	7	11.2	0	-	0	-
NORRISTOWN	400	11.6	618	18.0	5	8.0	9	14.6	8	12.9
EASTON	409	14.5	406	14.3	6	14.6	9	22.2	7	17.2
YORK	614	13.3	782	17.0	14	17.6	9	11.5	7	9.0

*BIRTH AND TOTAL DEATH RATE PER 1,000 ESTIMATED 1978 MIDYEAR POPULATION,
FETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS),
INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS.
**TOTAL FETAL DEATHS INCLUDE UNKNOWN COUNTY AND EXCLUDE INDUCED TERMINATIONS.

TABLE C-21
RESIDENT DEATHS BY AGE GROUP FOR SELECTED CITIES: PENNSYLVANIA, 1979

CITY	TOTAL DEATHS*	AGE AT DEATH (IN YEARS)										
		< 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
PITTSBURGH	5,827	118	6	12	26	54	104	128	404	929	1,527	2,517
MCKEESPORT	465	8	0	1	2	7	8	7	16	88	125	203
READING	1,038	22	3	2	4	4	4	17	46	172	275	469
ALTOONA	763	11	1	3	4	10	13	15	45	114	195	350
JOHNSTOWN	579	12	1	1	2	5	10	10	34	111	165	227
STATE COLLEGE	116	5	0	0	1	2	3	3	5	7	30	60
HARRISBURG	780	33	1	2	3	11	14	25	72	111	195	313
CHESTER	574	15	2	0	2	2	14	21	44	126	141	207
ERIE	1,243	43	5	3	7	13	17	30	91	193	298	543
SCRANTON	1,316	19	1	5	2	5	16	23	60	219	371	595
LANCASTER	660	21	1	3	6	5	10	15	35	93	164	307
NEW CASTLE	496	15	0	0	2	8	7	8	25	73	133	225
LEBANON	319	3	0	2	1	4	3	7	24	49	84	142
ALLENTOWN	1,172	34	0	2	9	8	16	22	66	187	279	549
BETHLEHEM	762	13	2	5	4	6	11	9	45	136	189	341
WILKES-BARRE	833	9	0	0	5	3	8	10	49	133	255	360
HAZLETON	335	14	0	0	6	4	7	4	19	50	92	139
NORRISTOWN	400	9	0	0	1	3	9	9	26	65	104	173
EASTON	409	13	0	1	1	4	9	8	20	47	118	188
YORK	614	11	1	1	6	6	15	14	39	92	138	291

*TOTAL DEATHS INCLUDE UNKNOWN AGE AT DEATH.

TABLE C-22
LEADING CAUSES OF DEATH FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1979

			HEART DISEASE											
	ALL CAUSES		TOTAL HEART DISEASE		RHEUMATIC FEVER		CHRONIC RHEUMATIC		WITH HYPERTENSION		ISCHEMIC		OTHER	
CITY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
PITTSBURGH	5,827	1347.9	2,482	574.1	0	-	30	6.9	68	15.7	1,609	372.2	775	179.3
MCKEESPORT	465	1466.9	209	659.3	0	-	2	6.3	2	6.3	150	473.2	55	173.5
READING	1,038	1339.4	474	611.6	0	-	2	2.6	18	23.2	343	442.6	111	143.2
ALTOONA	763	1362.5	323	576.8	0	-	3	5.4	9	16.1	241	430.4	70	125.0
JOHNSTOWN	579	1523.7	257	676.3	0	-	6	15.8	6	15.8	195	513.2	50	131.6
STATE COLLEGE	116	297.4	49	125.6	0	-	2	5.1	2	5.1	35	89.7	10	25.6
HARRISBURG	780	1436.5	342	629.8	1	1.8	1	1.8	2	3.7	146	268.9	192	353.6
CHESTER	574	1298.6	209	472.9	0	-	4	9.0	12	27.1	116	262.4	77	174.2
ERIE	1,243	1026.4	499	412.1	0	-	9	7.4	7	5.8	409	337.7	74	61.1
SCRANTON	1,316	1454.1	603	666.3	0	-	11	12.2	29	32.0	377	416.6	186	205.5
LANCASTER	660	1164.0	250	440.9	0	-	2	3.5	7	12.3	166	292.8	75	132.3
NEW CASTLE	496	1413.1	203	578.3	0	-	1	2.8	7	19.9	155	441.6	40	114.0
LEBANON	319	1127.2	159	561.8	0	-	4	14.1	4	14.1	126	445.2	25	88.3
ALLENTOWN	1,172	1159.2	532	526.2	0	-	8	7.9	23	22.7	390	385.8	111	109.8
BETHLEHEM	762	1055.4	343	475.1	0	-	6	8.3	11	15.2	244	338.0	82	113.6
WILKES-BARRE	833	1542.6	385	713.0	0	-	2	3.7	15	27.8	248	459.3	120	222.2
HAZLETON	367	1296.8	153	540.6	0	-	2	7.1	6	21.2	113	399.3	32	113.1
WILLIAMSPORT	335	994.1	126	373.9	0	-	1	3.0	6	17.8	84	249.3	35	103.9
NORRISTOWN	400	1162.8	174	505.8	0	-	4	11.6	14	40.7	114	331.4	42	122.2
EASTON	409	1445.2	183	646.6	0	-	1	3.5	4	14.1	109	385.2	69	243.8
YORK	614	1331.9	249	540.1	0	-	2	4.3	5	10.8	168	364.4	74	160.5

* RATE PER 100,000 ESTIMATED 1978 MIDYEAR POPULATION FOR EACH SPECIFIED CITY.

TABLE C-22
LEADING CAUSES OF DEATH FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

COUNTY	TOTAL MALIGNANT NEOPLASMS		MALIGNANT NEOPLASMS							
			BUCCAL CAVITY AND PHARNYX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM		BONE, TISSUE, SKIN AND BREAST	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
PITTSBURGH	1,249	288.9	24	5.6	367	84.9	327	75.6	121	28.0
MCKEESPORT	94	296.5	4	12.6	35	110.4	21	66.2	9	28.4
READING	236	304.5	4	5.2	76	98.1	57	73.5	24	31.0
ALTOONA	160	285.7	4	7.1	40	71.4	46	82.1	9	16.1
JOHNSTOWN	110	289.5	5	13.2	35	92.1	28	73.7	9	23.7
STATE COLLEGE	19	48.7	0	-	5	12.8	4	10.3	2	5.1
HARRISBURG	160	294.7	3	5.5	36	66.3	36	66.3	18	33.1
CHESTER	138	312.2	7	15.8	32	72.4	48	108.6	11	24.9
ERIE	294	242.8	5	4.1	76	62.8	81	66.9	33	27.3
SCRANTON	306	338.1	7	7.7	106	117.1	65	71.8	32	35.4
LANCASTER	150	264.6	4	7.1	40	70.5	53	93.5	11	19.4
NEW CASTLE	118	336.2	3	8.5	32	91.2	33	94.0	12	34.2
LEBANON	65	229.7	0	-	23	81.3	15	53.0	10	35.3
ALLENTOWN	283	279.9	9	8.9	83	82.1	58	57.4	26	25.7
BETHLEHEM	182	252.1	4	5.5	44	60.9	46	63.7	26	36.0
WILKES-BARRE	179	331.5	5	9.3	61	113.0	43	79.6	15	27.8
HAZLETON	78	275.6	0	-	21	74.2	15	53.0	15	53.0
WILLIAMSPORT	85	252.2	4	11.9	23	68.2	21	62.3	9	26.7
NORRISTOWN	90	261.6	1	2.9	17	49.4	25	72.7	12	34.9
EASTON	83	293.3	2	7.1	25	88.3	29	102.5	8	28.3
YORK	140	303.7	2	4.3	40	86.8	30	65.1	17	36.9

* RATE PER 100,000 ESTIMATED 1978 MIDYEAR POPULATION FOR EACH SPECIFIED CITY.

TABLE C-22
LEADING CAUSES OF DEATH FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

COUNTY	MALIGNANT NEOPLASMS							
	GENITO-URINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC HEMATOPOIETIC	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
PITTSBURGH	119	27.5	200	46.3	35	8.1	56	13.0
MCKEESPORT	11	34.7	9	28.4	2	6.3	3	9.5
READING	26	33.5	36	46.5	7	9.0	6	7.7
ALTOONA	19	33.9	22	39.3	7	12.5	13	23.2
JOHNSTOWN	12	31.6	15	39.5	3	7.9	3	7.9
STATE COLLEGE	5	12.8	2	5.1	1	2.6	0	-
HARRISBURG	24	44.2	28	51.6	8	14.7	7	12.9
CHESTER	16	36.2	14	31.7	8	18.1	2	4.5
ERIE	40	33.0	36	29.7	12	9.9	11	9.1
SCRANTON	32	35.4	41	45.3	9	9.9	14	15.5
LANCASTER	18	31.7	14	24.7	6	10.6	4	7.1
NEW CASTLE	10	28.5	16	45.6	5	14.2	7	19.9
LEBANON	5	17.7	7	24.7	2	7.1	3	10.6
ALLENTOWN	39	38.6	45	44.5	12	11.9	11	10.9
BETHLEHEM	18	24.9	28	38.8	8	11.1	8	11.1
WILKES-BARRE	14	25.9	23	42.6	10	18.5	8	14.8
HAZLETON	7	24.7	17	60.1	2	7.1	1	3.5
WILLIAMSPORT	8	23.7	10	29.7	1	3.0	9	26.7
NORRISTOWN	9	26.2	15	43.6	4	11.6	7	20.3
EASTON	8	28.3	7	24.7	2	7.1	2	7.1
YORK	14	30.4	27	58.6	2	4.3	8	17.4

* RATE PER 100,000 ESTIMATED 1978 MIDYEAR POPULATION FOR EACH SPECIFIED CITY

TABLE C-22
LEADING CAUSES OF DEATH FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CITY	CEREBROVASCULAR DISEASE		ACCIDENTS: MOTOR VEHICLE		ACCIDENTS: OTHER ACCIDENTS		DIABETES MELLITUS		PNEUMONIA AND INFLUENZA		ATHERO-SCLEROSIS		LIVER DISEASE AND CIRRHOSIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
PITTSBURGH	450	104.1	63	14.6	121	28.0	116	26.8	132	30.5	66	15.3	116	26.8
MCKEESPORT	41	129.3	9	28.4	10	31.5	11	34.7	3	9.5	3	9.5	11	34.7
READING	91	117.4	7	9.0	22	28.4	25	32.3	19	24.5	17	21.9	11	14.2
ALTOONA	55	98.2	16	28.6	21	37.5	24	42.9	13	23.2	19	33.9	14	25.0
JOHNSTOWN	61	160.5	8	21.1	16	42.1	16	42.1	7	18.4	10	26.3	8	21.1
STATE COLLEGE	13	33.3	2	5.1	5	12.8	0	-	1	2.6	0	-	1	2.6
HARRISBURG	57	105.0	9	16.6	13	23.9	11	20.3	15	27.6	7	12.9	9	16.6
CHESTER	37	83.7	8	18.1	17	38.5	14	31.7	12	27.1	6	13.6	10	22.6
ERIE	113	93.3	22	18.2	25	20.6	22	18.2	28	23.1	18	14.9	27	22.3
SCRANTON	115	127.1	15	16.6	20	22.1	25	27.6	15	16.6	20	22.1	15	16.6
LANCASTER	61	107.6	10	17.6	15	26.5	21	37.0	14	24.7	13	22.9	3	5.3
NEW CASTLE	45	128.2	6	17.1	10	28.5	11	31.3	5	14.2	3	8.5	6	17.1
LEBANON	16	56.5	6	21.2	2	7.1	13	45.9	8	28.3	1	3.5	2	7.1
ALLENTOWN	75	74.2	24	23.7	14	13.8	29	28.7	21	20.8	11	10.9	19	18.8
BETHLEHEM	64	88.6	10	13.9	12	16.6	9	12.5	14	19.4	13	18.0	11	15.2
WILKES-BARRE	61	113.0	8	14.8	10	18.5	10	18.5	10	18.5	10	18.5	15	27.8
HAZLETON	29	102.5	2	7.1	8	28.3	6	21.2	11	38.9	5	17.7	6	21.2
WILLIAMSPORT	26	77.2	11	32.6	3	8.9	6	17.8	2	5.9	3	8.9	5	14.8
NORRISTOWN	25	72.7	3	8.7	5	14.5	10	29.1	8	23.3	2	5.8	7	20.3
EASTON	31	109.5	7	24.7	6	21.2	9	31.8	6	21.2	4	14.1	13	45.9
YORK	48	104.1	13	28.2	11	23.9	13	28.2	13	28.2	5	10.8	10	21.7

* RATE PER 100,000 ESTIMATED 1978 MIDYEAR POPULATION FOR EACH SPECIFIED CITY.

TABLE C-22
LEADING CAUSES OF DEATH FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CITY	SUICIDE		PERINATAL CONDITIONS		NEPHRITIS AND NEPHROSIS		AORTIC ANEURYSM		PNEUMOCONIOSIS		HOMICIDE		EMPHYSEMA	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
PITTSBURGH	56	13.0	68	15.7	69	16.0	36	8.3	1	0.2	53	12.3	22	5.1
MCKEESPORT	6	18.9	5	15.8	6	18.9	2	6.3	0	-	5	15.8	1	3.2
READING	12	15.5	9	11.6	16	20.6	8	10.3	1	1.3	1	1.3	3	3.9
ALTOONA	8	14.3	2	3.6	4	7.1	7	12.5	0	-	6	10.7	8	14.3
JOHNSTOWN	7	18.4	7	18.4	7	18.4	9	23.7	2	5.3	1	2.6	3	7.9
STATE COLLEGE	2	5.1	1	2.6	0	-	1	2.6	0	-	0	-	3	7.7
HARRISBURG	13	23.9	23	42.4	11	20.3	5	9.2	0	-	7	12.9	5	9.2
CHESTER	4	9.0	6	13.6	3	6.8	5	11.3	0	-	9	20.4	3	6.8
ERIE	11	9.1	29	23.9	6	5.0	10	8.3	0	-	5	4.1	8	6.6
SCRANTON	5	5.5	10	11.0	5	5.5	5	5.5	20	22.1	1	1.1	4	4.4
LANCASTER	6	14.1	14	24.7	8	14.1	9	15.9	0	-	3	5.3	5	8.8
NEW CASTLE	7	19.9	5	14.2	6	17.1	6	17.1	1	2.8	2	5.7	0	-
LEBANON	5	17.7	0	-	2	7.1	3	10.6	0	-	0	-	1	3.5
ALLENTOWN	6	5.9	21	20.8	6	5.9	15	14.8	0	-	7	6.9	6	5.9
BETHLEHEM	7	9.7	7	9.7	7	9.7	5	6.9	0	-	2	2.8	3	4.2
WILKES-BARRE	8	14.8	5	9.3	7	13.0	4	7.4	38	70.4	2	3.7	4	7.4
HAZLETON	0	-	3	10.6	1	3.5	2	7.1	31	109.5	0	-	0	-
WILLIAMSPORT	5	14.8	5	14.8	5	14.8	3	8.9	2	5.9	1	3.0	8	23.7
NORRISTOWN	4	11.6	5	14.5	1	2.9	2	5.8	0	-	3	8.7	6	17.4
EASTON	2	7.1	3	10.6	4	14.1	5	17.7	0	-	0	-	1	3.5
YORK	13	28.2	4	8.7	8	17.4	9	19.5	0	-	4	8.7	5	10.8

* RATE PER 100,000 ESTIMATED 1978 MIDYEAR POPULATION FOR EACH SPECIFIED CITY.

TABLE C-22
LEADING CAUSES OF DEATH FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1978 (CONT'D)

CITY	ANEMIAS		DISEASES OF PANCREAS		BRONCHITIS, CHRONIC AND UNSPECIFIED		VENOUS EMBOLISM AND THROMBOSIS		GALL BLADDER DISORDERS		ALCOHOLISM		INFECTIONS OF KIDNEY	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
PITTSBURGH	10	2.3	8	1.9	10	2.3	7	1.6	3	0.7	13	3.0	10	2.3
MCKEESPORT	0	-	0	-	1	3.2	0	-	1	3.2	1	3.2	0	-
READING	1	1.3	1	1.3	4	5.2	0	-	1	1.3	0	-	0	-
ALTOONA	1	1.8	1	1.8	1	1.8	3	5.4	0	-	3	5.4	2	3.6
JOHNSTOWN	0	-	1	2.6	2	5.3	1	2.6	0	-	1	2.6	0	-
STATE COLLEGE	0	-	0	-	0	-	0	-	0	-	1	2.6	0	-
HARRISBURG	0	-	1	1.8	0	-	1	1.8	1	1.8	0	-	3	5.5
CHESTER	0	-	0	-	1	2.3	2	4.5	2	4,5	4	9.0	0	-
ERIE	0	-	1	0.8	3	2.5	2	1.7	1	0.8	1	0.8	2	1.7
SCRANTON	4	4.4	4	4.4	4	4.4	2	2.2	1	1.1	0	-	0	-
LANCASTER	1	1.8	0	-	0	-	0	-	0	-	0	-	0	-
NEW CASTLE	0	-	1	2.8	0	-	1	2.8	3	8.5	1	2.8	2	5.7
LEBANON	1	3.5	0	-	0	-	1	3.5	0	-	0	-	0	-
ALLENTOWN	5	4.9	1	1.0	3	3.0	2	2.0	1	1.0	0	-	1	1.0
BETHLEHEM	1	1.4	1	1.4	0	-	0	-	4	5.5	1	1.4	0	-
WILKES-BARRE	3	5.6	0	-	1	1.9	2	3.7	2	3.7	0	-	1	1.9
HAZLETON	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WILLIAMSPORT	0	-	0	-	1	3.0	0	-	0	-	0	-	0	-
NORRISTOWN	0	-	0	-	1	2.9	0	-	0	-	1	2.9	0	-
EASTON	0	-	1	3.5	0	-	2	7.1	0	-	1	3.5	0	-
YORK	3	6.5	1	2.2	2	4.3	1	2.2	1	2.2	3	6.5	1	2.2

* RATE PER 100,000 ESTIMATED 1978 MIDYEAR POPULATION FOR EACH SPECIFIED CITY.

TABLE C-22
LEADING CAUSES OF DEATH FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CITY	CONGENITAL ANOMALIES		SEPTICEMIA		BENIGN AND UNSPECIFIED NEOPLASMS		HYPERTENSION		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		PARKINSON'S DISEASE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
PITTSBURGH	22	5.1	49	11.3	23	5.3	30	6.9	8	1.9	17	3.9	16	3.7
MCKEESPORT	1	3.2	1	3.2	1	3.2	1	3.2	0	-	0	-	0	-
READING	4	5.2	2	2.6	2	2.6	5	6.5	3	3.9	3	3.9	1	1.3
ALTOONA	1	1.8	1	1.8	0	-	0	-	1	1.8	2	3.5	0	-
JOHNSTOWN	3	7.9	0	-	3	7.9	1	2.6	0	-	2	5.3	0	-
STATE COLLEGE	3	7.7	1	2.6	0	-	0	-	1	2.6	2	5.1	1	2.6
HARRISBURG	7	12.9	3	5.5	1	1.8	3	5.5	2	3.7	2	3.7	1	1.8
CHESTER	2	4.5	1	2.3	3	6.8	2	4.5	3	6.8	4	9.0	1	2.3
ERIE	4	3.3	2	1.7	6	5.0	5	4.1	8	6.6	2	1.7	2	1.7
SCRANTON	4	4.4	4	4.4	7	7.7	3	3.3	4	4.4	2	2.2	1	1.1
LANCASTER	2	3.5	4	7.1	5	8.8	4	7.1	3	5.3	2	3.5	1	1.8
NEW CASTLE	6	17.1	1	2.8	1	2.8	1	2.8	0	-	0	-	0	-
LEBANON	2	7.1	1	3.5	0	-	0	-	2	7.1	0	-	0	-
ALLENTOWN	6	5.9	5	4.9	5	4.9	3	3.0	1	1.0	2	2.0	4	4.0
BETHLEHEM	3	4.2	3	4.2	0	-	1	1.4	3	4.2	1	1.4	1	1.4
WILKES-BARRE	3	5.6	2	3.7	2	3.7	0	-	5	9.3	1	1.9	2	3.7
HAZLETON	0	-	2	7.1	0	-	0	-	1	3.5	1	3.5	0	-
WILLIAMSPORT	2	5.9	2	5.9	7	20.8	1	3.0	1	3.0	2	5.9	0	-
NORRISTOWN	2	5.8	0	-	1	2.9	2	5.8	1	2.9	1	2.9	2	5.8
EASTON	3	10.6	2	7.1	1	3.5	3	10.6	0	-	0	-	1	3.5
YORK	2	4.3	1	2.2	1	2.2	1	2.2	3	6.5	1	2.2	0	-

* RATE PER 100,000 ESTIMATED 1978 MIDYEAR POPULATION FOR EACH SPECIFIED CITY.

TABLE C-22
LEADING CAUSES OF DEATH FOR SELECTED CITIES, NUMBER AND RATE: PENNSYLVANIA, 1979 (CONT'D)

CITY	TUBERCULOSIS		NUTRITIONAL DEFICIENCIES		MULTIPLE SCLEROSIS		EPILEPSY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
PITTSBURGH	6	1.4	6	1.4	9	2.1	5	1.2	3	0.7	472	109.2
MCKEESPORT	0	-	2	6.3	0	-	0	-	0	-	40	126.2
READING	1	1.3	0	-	0	-	0	-	0	-	58	74.8
ALTOONA	0	-	0	-	0	-	0	-	1	1.8	66	117.9
JOHNSTOWN	0	-	0	-	0	-	0	-	0	-	36	94.7
STATE COLLEGE	1	2.6	0	-	1	2.6	0	-	0	-	8	20.5
HARRISBURG	4	7.4	2	3.7	0	-	0	-	0	-	62	114.2
CHESTER	2	4.5	0	-	1	2.3	1	2.3	2	4.5	62	140.3
ERIE	1	0.8	1	0.8	1	0.8	2	1.7	2	1.7	80	66.1
SCRANTON	4	4.4	4	4.4	1	1.1	0	-	0	-	83	91.7
LANCASTER	1	1.8	1	1.8	1	1.8	0	-	1	1.8	50	88.2
NEW CASTLE	0	-	1	2.8	1	2.8	1	2.8	0	-	42	119.7
LEBANON	0	-	0	-	1	3.5	0	-	0	-	27	95.4
ALLENTOWN	0	-	1	1.0	0	-	2	2.0	0	-	61	60.3
BETHLEHEM	1	1.4	1	1.4	0	-	1	1.4	1	1.4	50	69.3
WILKES-BARRE	1	1.9	0	-	2	3.7	0	-	0	-	50	92.6
HAZLETON	1	3.5	0	-	0	-	0	-	0	-	27	95.4
WILLIAMSPORT	1	3.0	0	-	0	-	0	-	0	-	22	65.3
NORRISTOWN	0	-	0	-	0	-	1	2.9	1	2.9	42	122.1
EASTON	1	3.5	0	-	0	-	1	3.5	0	-	36	127.2
YORK	2	4.3	0	-	1	2.2	0	-	0	-	45	97.6

* RATE PER 100,000 ESTIMATED 1978 MIDYEAR POPULATION FOR EACH SPECIFIED CITY.

MARRIAGE AND DIVORCE STATISTICS

1979 MARRIAGE AND DIVORCE STATISTICS

****

HIGHLIGHTS

****

- In 1979, the number of marriages occurring in Pennsylvania was 93,677 --the highest number since 1974. The rate was 7.9 per 1,000 population, the same rate recorded in 1978.

- The largest proportion of brides continued to be in the age group 20-24--nearly one-half of all marriages. However, since 1970, the number and rate of marriages for women under 25 years of age have tended to decrease, while the number and rate for women 25 and over have increased.

- Age at marriage for grooms followed a pattern similar to that of the brides, with the numbers and rates rising for those 25 years and over. Approximately two-thirds of the grooms were aged 20-29 during 1979.

- The age of bride and groom varied according to whether it was first or a remarriage. Age 20-24 was the most common age group for first marriages for both women and men; for remarriages the highest numbers occurred at ages 25-29 for women and 30-34 for men.

- For persons previously widowed, the highest number of marriages occurred in the age group 60-64 for women and 65-69 for men. Among those previously divorced, the highest number of marriages occurred in the age group 25-29 for women and 30-34 for men.

- Approximately seven percent of the brides and grooms in 1979 were nonwhite. This proportion varied by age group with over 12 percent of the brides and grooms aged 40-49 nonwhite.

- For 76.2 percent of the brides and 67.7 percent of the grooms, the marriage occurring in Pennsylvania in 1979 was a first marriage. Less than three percent of the women and men had had two or more previous marriages.

- In approximately 26 percent of all marriages, both the bride and the groom were in the age group 20-24. The second most common combination was the bride 20-24 and the groom 25-29--13.3 percent of all marriages.

- June was the most popular month for marriages in 1979 with 12,999 marriages occurring in Pennsylvania. The least popular month was January with only 3,656 marriages taking place.

- Over 95 percent of the brides and 91.3 percent of the grooms that were married in Pennsylvania in 1979 were residents of Pennsylvania.

- In 1979, the number of divorces and annulments occurring in Pennsylvania was 39,806--the highest number ever recorded. The rate was 3.4 per 1,000 population, compared to 3.3 in 1978 and 1.9 in 1970.

- Over half of all divorces and annulments occurred in marriages of eight years duration or less. Marriages of four years duration had the highest number of divorces and annulments--3,079. Over 14 percent of the divorces and annulments occurred in marriages of 20 years duration or longer.

- The largest proportion of wives and husbands undergoing divorce and annulment in 1979 were in the age group 25-29. Eleven percent of the women and 15.6 percent of the men were aged 45 years and over.

- Age at time of divorce or annulment varied according to the number of times married. Age group 25-29 was most common for persons married once; for persons married twice, the most usual age group at time of divorce or annulment was 30-34; for persons married three times or more, the most common age group was 35-39 for women and 40-44 for men.

- Allegheny County had the highest number of marriages--11,469. However, the highest marriage rate per 1,000 population occurred in Lawrence County with a rate of 13.0. Philadelphia had the lowest marriage rate in 1979--5.5

- The highest number of divorces and annulments occurred in Philadelphia county--6,733. Dauphin county had the highest rate (5.8 per 1,000 population) and Warren County the lowest rate (1.1).

TABLE D-1
MARRIAGES, NUMBER AND RATE, PENNSYLVANIA OCCURRENCES: 1906-1979

YEAR	NUMBER	RATE*	YEAR	NUMBER	RATE*
1906	59,327	8.3	1943	57,212	5.7
1907	60,243	8.3	1944	62,412	6.2
1908	54,302	7.3	1945	75,392	7.4
1909	57,479	7.6	1946	122,349	12.0
1910	62,495	8.1	1947	108,318	10.5
1911	62,314	8.0	1948	98,753	9.5
1912	65,081	8.2	1949	83,995	8.0
1913	69,245	8.6	1950	89,669	8.5
1914	67,567	8.3	1951	84,878	8.0
1915	65,677	8.0	1952	78,946	7.4
1916	72,023	8.6	1953	80,316	7.4
1917	76,474	9.0	1954	72,934	6.7
1918	61,737	7.2	1955	77,543	7.0
1919	76,446	8.8	1956	77,682	7.0
1920	83,865	9.6	1957	75,208	6.7
1921	72,981	8.2	1958	67,203	6.1
1922	68,567	7.7	1959	71,719	6.3
1923	77,666	8.6	1960	71,835	6.3
1924	73,331	8.0	1961	69,617	6.1
1925	71,093	7.7	1962	68,916	6.1
1926	72,222	7.8	1963	72,024	6.3
1927	71,130	7.6	1964	76,660	6.7
1928	67,652	7.2	1965	80,187	7.0
1929	70,507	7.4	1966	81,337	7.0
1930	65,143	6.8	1967	85,508	7.3
1931	60,158	6.2	1968	91,947	7.8
1932	56,031	5.8	1969	94,861	8.0
1933	63,459	6.5	1970	94,516	8.0
1934	79,602	8.2	1971	94,663	8.0
1935	74,867	7.7	1972	98,496	8.3
1936	64,723	6.6	1973	101,076	8.5
1937	74,907	7.6	1974	96,663	8.2
1938	71,861	7.3	1975	91,665	7.7
1939	86,710	8.8	1976	90,442	7.6
1940	78,207	7.9	1977	90,842	7.7
1941	60,935	6.1	1978	92,682	7.9
1942	68,126	6.8	1979	93,677	7.9

* RATE PER 1,000 MIDYEAR POPULATION.

TABLE D-2
MARRIAGES BY AGE OF BRIDE, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1974-1979

AGE OF BRIDE (IN YEARS)	1979	1978	1977	1976	1975	1974
			NUMBER			
ALL AGES	93,677	92,682	90,842	90,442	91,665	96,663
15-19*	15,616	16,573	17,697	19,186	21,207	23,879
20-24**	41,941	42,250	41,403	41,050	41,769	44,695
25-29	18,117	16,928	15,520	14,417	13,597	13,239
30-34	7,215	6,696	6,089	5,621	5,076	4,839
35-39	3,599	3,437	3,065	2,836	2,681	2,581
40-44	2,016	2,036	1,886	1,903	1,860	1,882
45-49	1,512	1,426	1,588	1,673	1,717	1,790
OVER 49	3,661	3,336	3,594	3,756	3,758	3,758
			RATE PER 1,000 FEMALE POPULATION			
ALL AGES	15.3	15.1	14.9	14.7	14.9	15.7
15-19	28.5	31.7	33.1	34.6	37.4	42.3
20-24	79.3	82.7	81.4	78.1	78.7	85.8
25-29	39.8	36.4	32.5	31.1	30.1	31.2
30-34	18.2	16.6	14.9	14.8	14.2	13.7
35-39	10.3	9.8	9.4	8.8	8.6	8.3
40-44	6.1	6.1	6.0	6.0	5.8	5.6
45-49	4.3	4.0	4.3	4.6	4.6	4.6
OVER 49	1.9	1.7	1.9	1.9	2.0	2.0

* 28 BRIDES UNDER 15 YEARS ARE INCLUDED IN THE 15-19 YEAR AGE GROUP, 1979.
**103 BRIDES WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP, 1979.

TABLE D-3
MARRIAGES BY AGE OF GROOM, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1974-1979

AGE OF GROOM (IN YEARS)	1979	1978	1977	1976	1975	1974
			NUMBER			
ALL AGES	93,677	92,682	90,842	90,442	91,665	96,663
15-19*	5,376	5,742	6,445	7,315	8,269	9,368
20-24**	37,491	38,755	38,430	39,262	41,079	45,306
25-29	24,901	23,581	22,649	21,592	21,027	21,133
30-34	10,462	9,891	8,919	8,009	7,391	7,067
35-39	4,974	4,802	4,222	4,009	2,664	3,519
40-44	2,866	2,760	2,678	2,592	2,559	2,594
45-49	2,066	2,033	2,098	2,052	2,171	2,143
OVER 49	5,541	5,118	5,401	5,611	5,505	5,533
			RATE PER 1,000 MALE POPULATION			
ALL AGES	16.7	16.5	16.1	15.9	16.2	17.0
15-19	9.5	10.7	11.7	12.8	14.1	16.0
20-24	69.6	76.0	76.1	74.6	77.7	91.4
25-29	57.4	53.6	50.4	52.2	54.3	56.2
30-34	29.0	26.8	23.7	23.1	22.0	21.4
35-39	15.8	15.0	14.1	13.5	12.8	12.3
40-44	9.6	9.1	9.3	8.9	8.7	8.5
45-49	6.6	6.4	6.4	6.2	6.3	6.1
OVER 49	3.7	3.4	3.6	3.7	3.7	3.7

* 2 GROOMS UNDER 15 ARE INCLUDED IN THE 15-19 YEAR AGE GROUP, 1979.
**90 GROOMS WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP, 1979.

TABLE D-4
ALL MARRIAGES, FIRST MARRIAGES, AND REMARRIAGES BY AGE OF BRIDE: PENNSYLVANIA OCCURRENCES, 1979

AGE OF BRIDE (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGES	REMARRIAGES
ALL AGES	93,677	71,398	22,272
15-19**	15,616	15,524	92
20-24***	41,941	39,122	2,815
25-29	18,117	12,469	5,647
30-34	7,215	2,648	4,566
35-39	3,599	751	2,848
40-44	2,016	315	1,701
45-49	1,512	204	1,308
OVER 49	3,661	365	3,295

* TOTAL INCLUDES 7 TRANSCRIPTS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE.

** 28 BRIDES WITH AGES UNDER 15 YEARS ARE INCLUDED IN THE 15-19 YEAR AGE GROUP.

***103 BRIDES WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR

TABLE D-5
ALL MARRIAGES, FIRST MARRIAGES, AND REMARRIAGES BY AGE OF GROOM: PENNSYLVANIA OCCURRENCES, 1979

AGE OF GROOM (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGES	REMARRIAGES
ALL AGES	93,677	69,435	24,240
15-19**	5,376	5,364	12
20-24***	37,491	36,288	1,203
25-29	24,901	20,073	4,827
30-34	10,462	4,960	5,502
35-39	4,974	1,343	3,630
40-44	2,866	516	2,350
45-49	2,066	354	1,712
OVER 49	5,541	537	5,004

* TOTAL INCLUDES 2 TRANSCRIPTS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE.

** 2 GROOMS WITH AGES UNDER 15 YEARS ARE INCLUDED IN THE 15-19 YEAR AGE GROUP.

***90 GROOMS WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

TABLE D-6
PREVIOUS MARITAL STATUS BY RACE AND AGE OF BRIDE: PENNSYLVANIA OCCURRENCES, 1979

AGE OF BRIDE (IN YEARS)	ALL MARRIAGES		NEVER MARRIED		WIDOWED		DIVORCED	
	WHITE*	NONWHITE*	WHITE	NONWHITE	WHITE	NONWHITE	WHITE	NONWHITE
ALL AGES	87,323	6,354	66,492	4,906	3,083	248	17,635	1,183
15-19**	14,925	691	14,835	689	3	0	82	1
20-24***	39,698	2,243	36,942	2,180	52	4	2,683	57
25-29	16,629	1,488	11,280	1,189	120	12	5,198	285
30-34	6,479	736	2,215	433	136	14	4,108	284
35-39	3,213	386	597	154	189	35	2,417	197
40-44	1,749	267	215	100	218	24	1,307	143
45-49	1,318	194	139	65	299	26	874	100
50-54	982	137	95	41	393	36	492	59
55-59	790	90	73	37	450	22	261	31
60-64	658	53	51	10	477	30	130	12
65-69	486	39	27	4	404	22	53	12
70-74	271	23	13	4	239	16	18	2
OVER 74	125	7	10	0	103	7	12	0

* TOTAL INCLUDES 113 WHITE BRIDES AND 17 NONWHITE BRIDES WHOSE PREVIOUS MARITAL STATUS WAS NOT INDICATED.

** 28 BRIDES UNDER 15 YEARS ARE INCLUDED IN THE 15-19 YEAR AGE GROUP.

***99 BRIDES WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

TABLE D-7
PREVIOUS MARITAL STATUS BY RACE AND AGE OF GROOM: PENNSYLVANIA OCCURRENCES, 1979

AGE OF GROOM (IN YEARS)	ALL MARRIAGES		NEVER MARRIED		WIDOWED		DIVORCED	
	WHITE*	NONWHITE*	WHITE	NONWHITE	WHITE	NONWHITE	WHITE	NONWHITE
ALL AGES	86,945	6,732	64,490	4,945	3,156	251	19,216	1,517
15-19**	5,112	264	5,101	263	2	0	9	0
20-24***	35,538	1,953	34,360	1,928	15	0	1,158	24
25-29	23,075	1,826	18,514	1,559	56	6	4,488	256
30-34	9,512	950	4,379	581	94	7	5,015	358
35-39	4,433	541	1,098	245	95	16	3,235	277
40-44	2,523	343	393	123	128	13	1,993	205
45-49	1,813	253	257	97	188	20	1,358	136
50-54	1,458	228	148	63	361	49	943	115
55-59	1,138	140	121	34	476	28	538	77
60-64	841	109	53	33	511	38	276	38
65-69	711	61	35	10	554	27	120	24
70-74	423	31	20	5	346	22	57	3
OVER 74	368	33	11	4	330	25	26	4

* TOTAL INCLUDES 63 WHITE GROOMS AND 19 NONWHITE GROOMS WHOSE PREVIOUS MARITAL STATUS WAS NOT INDICATED.

** 2 GROOMS UNDER 15 YEARS ARE INCLUDED IN THE 15-19 YEAR AGE GROUP.

***86 GROOMS WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

TABLE D-8
PRIOR MARRIAGES BY AGE OF BRIDE: PENNSYLVANIA OCCURRENCES, 1979

AGE OF BRIDE (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGE	PRIOR MARRIAGES			
			ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	93,677	71,398	19,748	2,110	252	162
15-19**	15,616	15,524	87	3	0	2
20-24***	41,941	39,122	2,729	61	4	21
25-29	18,117	12,469	5,291	294	22	40
30-34	7,215	2,648	4,028	463	40	35
35-39	3,599	751	2,426	354	52	16
40-44	2,016	315	1,377	272	34	18
45-49	1,512	204	1,105	168	26	9
50-54	1,119	136	818	139	19	7
55-59	880	110	639	108	17	5
60-64	711	61	530	97	17	6
65-69	525	31	406	75	13	0
70-74	294	17	222	50	4	1
75 & OVER	132	10	90	26	4	2

* TOTAL INCLUDES 7 TRANSCRIPTS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE.

** 28 BRIDES UNDER 15 YEARS ARE INCLUDED IN THE 15-19 YEAR AGE GROUP.

***103 BRIDES WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

TABLE D-9
PRIOR MARRIAGES BY AGE OF GROOM: PENNSYLVANIA OCCURRENCES, 1979

AGE OF GROOM (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGE	PRIOR MARRIAGES			
			ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	93,677	63,435	21,460	2,373	241	166
15-19**	5,376	5,364	12	0	0	0
20-24***	37,491	36,288	1,174	16	0	13
25-29	24,901	20,073	4,602	179	11	35
30-34	10,462	4,960	4,984	445	33	40
35-39	4,974	1,343	3,114	462	38	16
40-44	2,866	516	1,969	329	37	15
45-49	2,066	354	1,412	256	30	14
50-54	1,686	211	1,232	203	32	8
55-59	1,278	155	922	172	19	10
60-64	950	86	740	102	15	7
65-69	772	45	612	100	11	4
70-74	454	25	371	51	4	3
75 & OVER	401	15	316	58	11	1

* TOTAL INCLUDES 2 TRANSCRIPTS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE.

** 2 GROOMS UNDER 15 YEARS ARE INCLUDED IN THE 15-19 YEAR AGE GROUP.

***90 GROOMS WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

TABLE D-10
ALL MARRIAGES BY AGE OF BRIDE AND AGE OF GROOM: PENNSYLVANIA OCCURRENCES, 1979

AGE OF GROOM (IN YEARS)	ALL AGES	AGE OF BRIDE (IN YEARS)													
		15-19*	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 & OVER	UNKNOWN
ALL AGES	93,677	15,616	41,838	18,117	7,215	3,599	2,016	1,512	1,119	880	711	525	294	132	103
15-19**	5,376	4,205	1,068	82	10	3	1	0	1	2	0	0	0	0	4
20-24	37,401	9,652	24,589	2,610	381	88	19	6	6	3	2	1	1	1	42
25-29	24,901	1,382	12,455	9,040	1,601	303	64	21	4	2	2	1	0	2	24
30-34	10,462	238	2,719	4,194	2,420	696	135	34	7	6	2	1	0	1	9
35-39	4,974	78	660	1,417	1,513	916	278	76	22	8	2	0	0	0	4
40-44	2,866	23	196	464	696	733	490	185	61	10	6	1	0	0	1
45-49	2,066	11	60	186	329	444	470	372	138	41	9	3	1	1	1
50-54	1,686	5	36	73	158	241	320	394	301	113	25	14	4	0	2
55-59	1,278	3	10	28	71	117	160	256	286	229	88	19	9	1	1
60-64	950	2	1	12	14	35	56	103	170	237	222	68	24	6	0
65-69	772	2	3	2	7	15	11	44	92	148	208	180	49	10	1
70-74	454	1	0	1	3	4	4	11	23	49	97	134	108	19	0
75 & OVER	401	0	1	1	4	1	8	9	7	30	48	103	98	91	0
UNKNOWN	90	14	40	7	8	3	0	1	1	2	0	0	0	0	14

* 28 BRIDES UNDER 15 YEARS ARE INCLUDED IN THE 15-19 YEAR AGE GROUP.
**2 GROOMS UNDER 15 YEARS ARE INCLUDED IN THE 15-19 YEAR AGE GROUP.

TABLE D-11
ALL MARRIAGES BY RESIDENCE OF BRIDE AND GROOM, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1979

RESIDENCE	BRIDE		GROOM	
	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS	93,677	100.0	93,677	100.0
PENNSYLVANIA	89,258	95.3	85,481	91.3
ALL OTHER STATES	4,359	4.7	8,076	8.6
TERRITORIES AND POSSESSIONS	3	0.0	2	0.0
FOREIGN COUNTRIES	57	0.1	118	0.1

TABLE D-12
ALL MARRIAGES BY MONTH, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1979

MONTH OF MARRIAGE	NUMBER	PERCENT
ALL MONTHS	93,677	100.0
JANUARY	3,656	3.9
FEBRUARY	4,292	4.6
MARCH	5,624	6.0
APRIL	6,740	7.2
MAY	9,423	10.1
JUNE	12,999	13.9
JULY	8,000	8.5
AUGUST	10,285	11.0
SEPTEMBER	10,843	11.6
OCTOBER	8,944	9.5
NOVEMBER	7,025	7.5
DECEMBER	5,846	6.2

TABLE D-13
DIVORCES AND ANNULMENTS, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1944-1979

YEAR	NUMBER	RATE*	YEAR	NUMBER	RATE*
1944	10,320	1.0	1962	14,316	1.3
1945	12,625	1.2	1963	14,789	1.3
1946	20,909	2.0	1964	16,139	1.4
1947	16,308	1.6	1965	16,578	1.4
1948	14,812	1.4	1966	16,940	1.5
1949	13,167	1.3	1967	18,668	1.6
1950	12,096	1.2	1968	20,326	1.7
1951	11,743	1.1	1969	21,580	1.8
1952	11,905	1.1	1970	22,622	1.9
1953	12,121	1.1	1971	25,110	2.1
1954	11,711	1.1	1972	27,501	2.3
1955	11,103	1.0	1973	31,005	2.6
1956	11,480	1.0	1974	32,899	2.8
1957	11,651	1.0	1975	34,955	3.0
1958	12,243	1.1	1976	36,531	3.1
1959	13,891	1.2	1977	37,868	3.2
1960	14,429	1.3	1978	38,261	3.3
1961	13,606	1.2	1979	39,808	3.4

* RATE PER 1,000 MIDYEAR POPULATION.

TABLE D-14
DIVORCES AND ANNULMENTS BY DURATION OF MARRIAGE, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1979

DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT	DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT
TOTAL	39,808	100.0	12	1,320	3.3
			13	1,174	2.9
UNDER 1	210	0.5	14	1,087	2.7
1	1,516	3.8	15	960	2.4
2	2,611	6.6	16	855	2.1
3	3,029	7.6	17	759	1.9
4	3,079	7.7	18	706	1.8
5	3,064	7.7	19	656	1.6
6	2,872	7.2	20-24	2,637	6.6
7	2,479	6.2	25-29	1,626	4.1
8	2,198	5.5	30-34	899	2.3
9	1,947	4.9	35-39	359	0.9
10	1,743	4.4	OVER 39	207	0.5
11	1,574	4.0	NOT STATED	241	0.6

TABLE D-15
DIVORCES AND ANNULMENTS BY AGE OF WIFE AND NUMBER OF TIMES MARRIED: PENNSYLVANIA OCCURRENCES, 1979

AGE OF WIFE (IN YEARS)	TOTAL DIVORCES & ANNULMENTS	NUMBER OF TIMES MARRIED				
		ONE	TWO	THREE	FOUR OR MORE	NOT STATED
ALL AGES	39,808	27,590	4,699	496	96	6,927
15-19*	490	449	7	0	0	34
20-24	6,475	5,802	218	5	0	450
25-29	9,014	7,638	767	44	1	564
30-34	6,858	5,352	1,028	81	13	384
35-39	4,459	3,251	848	103	18	239
40-44	2,899	2,043	611	76	12	157
45-49	1,870	1,271	427	64	13	95
50-54	1,252	804	308	55	12	73
55-59	682	412	196	32	15	27
60-64	355	183	134	14	5	19
65-59	131	69	42	10	2	8
70-74	48	22	23	2	0	1
75 & OVER	25	15	7	1	1	1
NOT STATED	5,250	279	83	9	4	4,875

* 14 WIVES UNDER 15 ARE INCLUDED IN THE 15-19 YEAR AGE GROUP.

TABLE D-16
DIVORCES AND ANNULMENTS BY AGE OF HUSBAND AND NUMBER OF TIMES MARRIED: PENNSYLVANIA OCCURRENCES, 1979

AGE OF HUSBAND (IN YEARS)	TOTAL DIVORCES & ANNULMENTS	NUMBER OF TIMES MARRIED				
		ONE	TWO	THREE	FOUR OR MORE	NOT STATED
ALL AGES	39,808	27,379	4,932	583	93	6,821
15-19*	85	74	2	0	0	9
20-24	3,698	3,382	64	1	0	251
25-29	8,397	7,315	512	20	1	549
30-34	7,642	6,101	1,035	86	5	415
35-39	5,168	3,850	958	102	17	241
40-44	3,498	2,518	669	97	24	190
45-49	2,470	1,719	544	87	9	111
50-54	1,701	1,115	412	69	17	88
55-59	1,046	641	304	45	7	49
60-64	548	300	183	30	7	28
65-59	266	115	111	19	3	18
70-74	119	45	51	13	2	8
75 & OVER	70	25	39	5	0	1
NOT STATED	5,100	179	48	9	1	4,863

* 7 HUSBANDS UNDER 15 ARE INCLUDED IN THE 15-19 YEAR AGE GROUP.

TABLE D-17
MARRIAGES AND DIVORCES BY COUNTY OF OCCURRENCE, NUMBER AND RATE: PENNSYLVANIA, 1979

COUNTY	MARRIAGES		DIVORCES	
	NUMBER*	RATE**	NUMBER	RATE**
ALL COUNTIES	93,677	8.0	39,808	3.4
ADAMS	511	8.0	145	2.3
ALLEGHENY	11,469	7.9	4,817	3.3
ARMSTRONG	743	9.6	244	3.2
BEAVER	1,485	7.2	544	2.6
BEDFORD	358	8.2	130	3.0
BERKS	2,457	8.0	1,051	3.4
BLAIR	1,137	8.5	427	3.2
BRADFORD	625	10.6	257	4.4
BUCKS	3,837	8.1	1,448	3.0
BUTLER	1,229	8.5	502	3.5
CAMBRIA	1,456	7.9	404	2.2
CAMERON	74	11.0	26	3.9
CARBON	452	8.7	153	2.9
CENTRE	856	7.9	325	3.0
CHESTER	2,141	7.0	1,093	3.6
CLARION	375	9.0	102	2.4
CLEARFIELD	674	8.5	249	3.1
CLINTON	386	10.4	167	4.5
COLUMBIA	534	8.9	226	3.8
CRAWFORD	787	9.3	325	3.8
CUMBERLAND	1,451	8.4	400	2.3
DAUPHIN	1,997	8.9	1,315	5.8
DELAWARE	5,835	10.2	1,448	2.5
ELK	367	9.8	128	3.4
ERIE	2,280	8.5	1,125	4.2
FAYETTE	1,299	8.3	488	3.1
FOREST	52	10.2	17	3.3
FRANKLIN	735	6.8	361	3.4
FULTON	86	7.4	32	2.8
GREENE	317	8.3	164	4.3
HUNTINGDON	327	8.2	128	3.2
INDIANA	673	7.6	196	2.2
JEFFERSON	465	9.7	175	3.6
JUNIATA	180	9.9	63	3.5
LACKAWANNA	1,721	7.5	647	2.8
LANCASTER	3,040	6.6	1,204	3.6
LAWRENCE	1,364	13.0	494	4.7
LEBANON	858	8.1	402	3.8
LEHIGH	2,137	8.0	972	3.7
LUZERNE	2,485	7.3	875	2.6
LYCOMING	1,152	10.1	546	4.8
MCKEAN	497	10.1	258	5.2
MERCER	1,311	10.4	460	3.6
MIFFLIN	378	8.7	131	3.0
MONROE	617	10.2	246	4.1
MONTGOMERY	5,112	8.1	1,824	2.9
MONTOUR	164	9.8	66	3.9
NORTHAMPTON	1,974	8.7	745	3.3
NORTHUMBERLAND	880	8.9	381	3.9
PERRY	330	9.5	135	3.9
PHILADELPHIA	9,562	5.5	6,733	3.8
PIKE	142	9.6	48	3.2
POTTER	184	11.0	63	3.8
SCHUYLKILL	1,295	8.2	478	3.0
SNYDER	320	10.4	109	3.5
SOMERSET	623	7.8	233	2.9
SULLIVAN	69	11.3	22	3.6
SUSQUEHANNA	349	9.5	136	3.7
TIOGA	435	11.0	207	5.2
UNION	279	8.8	79	2.5
VENANGO	586	9.6	231	3.8
WARREN	454	10.0	52	1.1
WASHINGTON	1,706	8.1	709	3.4
WAYNE	324	9.0	100	2.8
WESTMORELAND	3,045	7.9	1,072	2.6
WYOMING	216	9.3	86	3.7
YORK	2,326	7.9	1,329	4.5

* TOTAL MARRIAGES INCLUDE UNKNOWN COUNTY OF OCCURRENCE.
**RATE PER 1,000 ESTIMATED MIDYEAR POPULATION.

TECHNICAL
NOTES

****

TECHNICAL NOTES

****

A. SOURCES OF DATA

Birth, death, and fetal death certificates are the source documents for data on vital events of Pennsylvania residents during the 1979 calendar year. A copy of each of these types of certificates is included as Figures I, II, and III. Marriage and divorce data are compiled from transmittal documents which are received from each county.

The cut-off date for 1979 data in this report is March 1, 1980. Any data pertaining to a 1979 event for which a certificate was filed after March 1, 1980, are not included in this report. It is possible that data obtained from the Health Data Center may differ slightly from that which appears in this report. If this should occur, it is due to an update to the 1979 data year which was made after the March 1 deadline for this report.

Events relating to Pennsylvania residents which occurred in another state are included in this report. The inclusion of these data are made possible by an agreement among all registration areas in the United States for resident exchange of copies of certificates.

Birth and fetal death certificates are usually completed by hospital personnel present at the delivery. Death certificates are usually completed by hospital personnel, physicians, and funeral directors.

B. DATA QUALITY

The quality of data presented in this report is directly related to the completeness and accuracy of the information contained on the certificates. The Health Data Center works to ensure that the information received is as complete and accurate as possible, and maintains two major program operations related to improving the quality of information received on certificates.

The query program is a system used to follow-back with hospital personnel, funeral directors, and/or physicians concerning incomplete or conflicting information. The follow-back contact is usually done by telephone and is based both on a manual and computer editing procedure.

The field program attempts to improve certificate information by educating the participants in the vital registration system, i.e., hospital personnel, funeral directors, physicians, etc., of the uses and importance of vital statistics data. The field program completes this mission by conducting seminars with various associations representing the types of individuals listed above. In addition to regularly scheduled seminars, the field representative makes site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors Pennsylvania's coding of statistical data. NCHS has established a two percent upper limit for coding difference involving any one data item, with the exception of cause of death. A five percent limit is established for this item due to the complexity of the coding process.

C. GEOGRAPHIC ALLOCATION

Vital events can be classified geographically in two ways. The first way is by place of occurrence, i.e., the actual state, county and minor civil division in which the birth or death took place. The second and more customary way is by place of residence, i.e., the state, county and minor civil division stated to be the usual residence of the decedent in the case of deaths or of the mother in the case of a newborn. Fetal deaths and infant deaths, in cases where the child was never discharged from the hospital, are classified to the residence of the mother.

While occurrence statistics are accurate and have both administrative value and some statistical significance, residence statistics are by far the more useful tool in determining health indices for planning and evaluation purposes. The statistics provided in this report are residence data unless otherwise stated.

Allocation of vital events by place of residence is sometimes difficult, because classification depends entirely on the statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, this statement may be incorrect or incomplete. For example, mailing addresses very often differ from the actual geographic residence. Where the mailing address is a rural delivery number or when an unincorporated place is given as the place of residence, it is seldom possible to allocate the event to a specific township or the correct minor civil division, if this information is not supplied. How often incorrect information on residence is recorded is not known, but is generally due to lack of information concerning the exact location of residence or misunderstanding of the question on the part of the informant.

This problem is applicable generally only to minor civil division level data. Resident counts for the state as a whole are, for all practical purposes, very accurate. County resident figures are substantially correct and can be used with a high degree of confidence.

Each of Pennsylvania's 67 different counties is classified into one of nine health service areas, each administered by a health systems agency (HSA). The health systems agencies, established under PL 93-641, are regional agencies designated for geographic locations appropriate for the effective planning and development of health services. Some of the data presented in this report are aggregated by health service areas. Figure IV is a map showing the county distribution of the health service areas in Pennsylvania.

D. DEFINITIONS OF RATES

Absolute counts of births and deaths do not readily lend themselves to analysis and comparison between years and between various geographic areas because of population differences. These demographic differences include total number, age and sex distributions, and ethnic or racial differentials. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number such as a probability of living or dying, a rate, a ratio, or an index. This conversion is made by relating the crude number of events to the living population at risk in a particular area at a specified time.

Crude Birth Rate
Number of Live births per 1,000 estimated population.

Age Specific Birth Rate
Number of live births to mothers in a specified age group per 1,000 estimated females in the same age group.

Fetal Death Rate
Fetal deaths of gestation 16 weeks and over, per 1,000 deliveries. The number of deliveries consists of live births plus fetal deaths.

Neonatal Death Rate
Number of infants dying under 28 days of age per 1,000 live births.

Infant Death Rate
Deaths under one year of age per 1,000 live births.

Crude Death Rate
Number of deaths per 1,000 population.

Age-Specific Death Rate
Number of deaths for a specified age group per 1,000 population in the same age group.

Cause-Specific Death Rate
Number of deaths from a specified cause per 100,000 population.

Maternal Death Rate
Number of deaths from complications of pregnancy, childbirth, and the puerperium per 10,000 live births.

E. THIRTY-FIVE SELECTED CAUSES OF DEATH

In Tables C4a, C4b, C4c, C4d, C4e, C-16, C-19, and C-22, thirty-five selected causes of death are indicated. These thirty-five causes of death and the ICD-9 cause codes included in each category are as follows:

Cause of Death	Icd Code(s)
Heart Disease	390-398, 402, 404-429
Malignant Neoplasms	140-208
Cerebrovascular Disease	430-438
Accidents, Other than Motor Vehicle	E800-E807, E826-E949
Diabetes Mellitus	250
Motor Vehicle Accidents	E810-E825
Pneumonia & Influenza	480-487
Atherosclerosis	440
Liver Disease & Cirrhosis	571
Suicide	E950-E959
Perinatal Conditions	760-779
Nephritis, Nephrosis, etc.	580-589
Aortic Aneurysm	441
Pneumoconiosis	500-505
Homicide	E960-E978
Emphysema	492

Congenital Anomalies	740-759
Septicemia	038
Benign & Unspecified Neoplasms	210-237
Hypertension	401, 403
Ulcers of Stomach & Duodenum	531-533
Hernia & Intestinal Obstruction	550-553, 560
Parkinson's Disease	332
Anemias	280-285
Diseases of Pancreas	577
Bronchitis, Chronic & Unspecified	490-491
Venous Embolism & Thrombosis	451-453
Gall Bladder Disorders	574-575
Alcoholism	303
Infections of Kidney	590
Tuberculosis	010-018
Nutritional Deficiencies	260-269
Multiple Sclerosis	340
Epilepsy	345
Meningitis	320-322

F. MAJOR FEATURES AND CHANGES IN THE NINTH REVISION OF THE ICD CLASSIFICATION.

(The information in this section is reprinted from the "Monthly Vital Statistics Report," National Center for Health Statistics, Vol. 28, No. 11, Supplement February 29, 1980.)

One of the efforts to maintain the tradition of progress in the classification of diseases has been the practice, begun in 1900, to revise about every ten years what is now the International Classification of Diseases (ICD). Each of these revisions has produced some break in the comparability of cause-of-death statistics. The Ninth Revision produced many changes, including shifts of inclusion terms and titles from one category, section, or chapter to another; regroupings of diseases; new titles and sections; and modifications in coding rules. As a result, there are serious breaks in comparability for a number of causes of death. Measures of this discontinuity are essential to interpretation of mortality trends. Ratios of comparability between the Eighth and Ninth Revisions have been computed for this purpose. (More information about specific comparability ratios is contained in the publication listed above.)

In the Ninth Revision, as in the Eighth Revision, the classification is arranged in 17 main sections or chapters. The first chapter deals with diseases caused by well-defined infectious and parasitic agents. The next two chapters deal with categories for neoplasms and for endocrine, nutritional and metabolic diseases and immunity disorders. Most of the remaining chapters are arranged according to the principal anatomical sites of diseases with special chapters for mental disorders; complications of pregnancy, childbirth, and the puerperium; congenital anomalies; certain conditions originating in the perinatal period; and a chapter for symptoms, signs, and ill-defined conditions.

The last chapter (XVII), injury and poisoning, represents a decided departure from the corresponding chapter in previous revisions. The role of the E code for external causes was changed. In the Sixth, Seventh, and Eighth Revisions, Chapter XVII--accidents, poisoning, and violence--consisted of two alternative classifications, one according to the nature of the injury (the N code), and the other according to the external cause (the E code). In the Ninth Revision Chapter XVII consists only of titles for nature of injury as part of the main classification. The N prefix that was used before the category numbers for these titles in the Eighth Revision has been dropped. In the Ninth Revision the E code is a supplementary classification. For underlying cause of death, where both an E code and another code are applicable, the E code is still used when the other code is from Chapter XVII. When the other code is from Chapters I-XVI, that code and not the E code is used.

In the Ninth Revision there are two codes for certain diagnostic terms that convey information about both a localized manifestation or complication and a more generalized underlying disease process. The traditional etiology code relating to the underlying disease is marked by a dagger (†), and the code relating to the manifestation or complication is marked with an asterisk (*). Tuberculosis meningitis, for example, has its dagger code (ICD No. 013.0†) in the chapter for infectious and parasitic diseases and its asterisk code (ICD No. 320.4*) in the chapter for the nervous system and sense organs. Only the dagger codes are used for coding underlying cause of death.

Following are some of the major changes between the Eighth and Ninth Revisions, applicable to underlying cause coding in the United States, including those that are most pertinent to the causes shown in the Monthly Vital Statistics Report. They are arranged according to the chapters in the Ninth Revision of the ICD.

I. INFECTIOUS AND PARASITIC DISEASES

Under the Ninth Revision, colitis, diarrhea, enteritis, and gastroenteritis, without further specification, are assumed to be of noninfectious origin and are classified to Chapter IX, Diseases of the Digestive System. In the Eighth Revision, unless stated to be noninfectious or due to a noninfectious condition, they were assumed to be of infectious origin and were coded to Chapter I, Infective and Parasitic Diseases. This change transferred deaths that were assigned by the Eighth Revision to diarrheal diseases (ICDA No. 009) to the Ninth Revision title, other noninfective gastroenteritis and colitis (ICD No. 558.), accounting in great part for the low comparability ratio for certain other intestinal infections (ICD No. 007-009).

A section pulling together all late effects of infectious and parasitic diseases was added to Chapter I in the Ninth Revision. In the Eighth Revision a few conditions had special late effects codes; for certain other conditions late effects were coded to the resulting chronic conditions; for the remaining conditions in Chapter I, late effects were coded to the regular code for the infectious or parasitic disease.

The ratios in this report reflect the fact that the code span for tuberculosis included late effects under the Eighth Revision but not under the Ninth; pleural effusion was assumed to be tuberculosis under the Eighth Revision but not under the Ninth; and erysipelas was combined with streptococcal sore throat and scarlatina in the list of 72 causes of death for the Ninth Revision but was excluded from the most nearly comparable Eighth Revision cause. Thus, the comparability ratio for tuberculosis (ICD Nos. 010-018) is less than 1.0, and the ratio for streptococcal sore throat, scarlatina, and erysipelas (ICD Nos. 034-035) is greater than 1.0.

The ratios for whooping cough, acute poliomyelitis, and measles are based on very small numbers of deaths. Also, it appears that in the Eighth Revision a few deaths that should have been attributed to late effects of poliomyelitis may have been classified to active poliomyelitis.

In the Eighth Revision, deaths from serum hepatitis went to the condition being treated, if known. Otherwise, they were assigned to E code, usually to complications and misadventures in other and unspecified therapeutic procedures in infusion and transfusion (ICDA No. E931.2). Under the Ninth Revision, because serum hepatitis does not have a code in Chapter XVII, deaths attributed to this cause are assigned to viral hepatitis B without mention of hematic coma (ICDA No. 070.3) increasing the ratio for ICD No. 070.

Deaths from septicemia (ICDA No. 038) that occurred among the newborn were transferred in the Ninth Revision from Chapter I to Chapter XV--certain conditions originating in the perinatal period or, more specifically, to other infection specific to the perinatal period (ICD No. 771.8).

II. NEOPLASMS

A new section, neoplasms of uncertain behavior (ICD Nos. 235-238), has been added to this chapter. Among the conditions transferred to this new section are some of the conditions under the Eighth Revision title polycythemia vera (ICDA No. 208) and myelofibrosis (ICDA No. 209), raising the comparability ratio for benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (ICDA No. 210-239).

III. ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS

A new title—disorders of fluid, electrolyte and acid-base balance (ICD No. 276)--has been added to this chapter. Most of these conditions were previously assigned to Chapter XVI, symptoms and ill-defined conditions, but were not coded as the underlying cause of death because conditions in this chapter were not coded if another codable condition was entered on the certificate. Consequently, the overall effect on locating this new title in Chapter III is to increase the number of deaths assigned to this chapter and to decrease by a smaller number those assigned to Chapter XVI.

The low comparability ratio for nutritional deficiencies (ICD Nos. 260-269) is largely attributable to the transfer of sprue and steatorrhea and malabsorption syndrome, unspecified, from ICDA Nos. 269.0 and 269.1 to ICD No. 579; transfer of cachexia, nos, from ICDA No. 268 to ICD No. 799.4; and a change in handling a number of trivial conditions that result in acceptance of conditions from other parts of the classification, e.g., mental conditions as the underlying cause.

VII. DISEASES OF THE CIRCULATORY SYSTEM

In the Eighth Revision, mitral and aortic incompetence, insufficiency, regurgitation, and stenosis were assumed to be rheumatic unless stated to be nonrheumatic or due to another condition that would cause a valvular heart disease. According to the Ninth Revision the conditions described by these terms are assumed to be nonrheumatic unless specified as rheumatic or due to a rheumatic heart disease, with one exception—mitral stenosis. The condition described by this term is assumed, as for the Eighth Revision, to be rheumatic.

This change in assumptions resulted in the transfer to other diseases of endocardium (ICD No. 424) of an estimated 4,015 of the 13,110 deaths in 1976 from rheumatic fever and rheumatic heart disease (ICDA Nos. 390-398). This transfer accounts in great part for the low comparability ratio for rheumatic fever and rheumatic heart disease (ICD Nos. 390-398).

In the Ninth Revision there is no separate category for malignant hypertension. The new fourth digits for hypertensive disease (ICD Nos. 401-404) indicate whether the hypertensive disease was specified as malignant, benign, or not specified as malignant or benign. The Eighth Revision fourth digits denoting the presence of hypertension in ischemic heart and cerebrovascular diseases no longer exist, making it impossible to show hypertension with these conditions for underlying cause tabulations.

Deaths assigned to hypertension with or without renal disease (ICD Nos. 401, 403) increased under the Ninth Revision as a result of the rule that combines hypertension with cardiovascular diseases only when it is stated that the cardiovascular disease is due to hypertension. The Eighth Revision rule provided for a combination code if there was mention of hypertension anywhere on the record.

According to the Ninth Revision, cardiovascular disease, unspecified (ICD No. 429.2) has been separated from ischemic heart disease (ICD Nos. 410-414). This separation accounts in great part for the increase in deaths assigned to all other forms of heart disease (ICD Nos. 415-423, 425-429), from 49,810 to 124,701 deaths, resulting in a very large comparability ratio. At the same time this separation accounts for a large part of the reduction in chronic ischemic heart disease, for which the title in the Ninth Revision is old myocardial infarction and other forms of chronic ischemic heart disease (ICD Nos. 412, 414).

The transfer by the Ninth Revision to hypertensive heart disease (ICD No. 402) of deaths that were assigned to the subtitle cardio- vascular disease without mention of chronic ischemic heart disease with hypertensive disease (*412.2) (introduced by NCHS for use during 1968-78) also accounts for a sizable part of the reduction in ischemic heart disease (ICD Nos. 410-414).

Diseases of pulmonary circulation have been brought together in a new group--diseases of pulmonary circulation (ICD Nos. 415-417). These pulmonary diseases have been separated from those in the group title diseases of veins and lymphatics, other diseases of circulatory system (ICD Nos. 451-459).

The Ninth Revision transferred heart failure, unspecified (ICD No. 428.9) to this Chapter--Diseases of the Circulatory System-- from the Eighth Revision Chapter XVI, Symptoms and Ill-Defined Conditions (ICDA Nos. 780-796), where it appeared as acute heart failure, undefined (ICDA No. 782.4). Although this transfer resulted in increasing deaths assigned to circulatory disease, there was not a compensating decrease in the deaths assigned to Chapter XVI, because under the Eighth Revision, conditions assigned to this chapter were not coded as the underlying cause if another codable conditions was reported.

VIII. DISEASES OF THE RESPIRATORY SYSTEM

New titles have been added for respiratory conditions including pneumonitis due to solids and liquids (ICD No. 507); and chronic airways obstruction, not elsewhere classified (ICD No. 496). Most of the deaths assigned by the new ninth revision title pneumonitis due to solids and liquids (ICD No. 507) were transferred from the Eighth Revision title pneumonia, unspecified (ICD No. 486), more particularly from aspiration pneumonia, which was an inclusion term under ICDA No. 486. This transfer had the effect of reducing the number of deaths assigned to the pneumonias.

The deaths assigned by the Eighth Revision chronic obstruction lung disease without mention of asthma, bronchitis, or emphysema (*519.3), a subtitle first introduced by NCHS for deaths occurring in 1969, have been transferred to the new Ninth Revision title chronic airways obstruction, not elsewhere classified (ICD No. 496).

There was a change in the linkage provision that affects the coding of diseases of the respiratory system. In the Eighth Revision, asthma linked with bronchitis and emphysema. The Ninth Revision does not provide this linkage, with the result of an increase in assignments of deaths to asthma, and a corresponding decrease in assignments to bronchitis and emphysema.

The Ninth Revision title bronchiectasis (ICD No. 494) has been placed in the section chronic obstructive pulmonary disease and allied conditions (ICD Nos. 490-496). According to the Eighth Revision bronchiectasis (ICDA No. 518) was a title included in the group other diseases of the respiratory system (ICDA Nos. 510-519). This change resulted in the transfer of an estimated 93.7 percent (685) of the deaths to ICD Nos. 494-495 that were formerly assigned to ICDA No. 518.

IX. DISEASES OF THE DIGESTIVE SYSTEM

The instruction in the Eighth Revision was to code ulcer, site unspecified, and peptic ulcer, site unspecified, reported due to, with, or causing gastrointestinal ulcer which was an inclusion term under ICDA No. 534. This instruction was changed for the Ninth Revision to provide that these conditions be coded in peptic ulcer (ICD No. 533). This accounted in great part for a comparability ratio greater than 1.0 for ulcer of stomach and duodenum (ICD Nos. 531-533).

The comparability ratio of less than 1.0 for hernia of abdominal cavity and intestinal obstruction without mention of hernia (ICD Nos. 550-553, 560) resulted primarily from the transfer of congenital diaphragmatic hernia from diaphragmatic (ICDA No. 551.3), a subtitle under other hernia of abdominal cavity without mention of obstruction (ICDA No. 551) to anomalies of diaphragm (ICDA 756.6).

The increase in the number of deaths assigned by the Ninth Revision to cholelithiasis and other disorders of gallbladder (ICD Nos. 574- 575) resulted from the transfer to this cause of deaths that were assigned by the Eighth Revision to other diseases of gallbladder and biliary ducts (ICDA No. 576).

X. DISEASES OF THE GENITOURINARY SYSTEM

The low comparability ratio for acute glomerulonephritis and nephrotic syndrome (ICD Nos. 580-581) resulted primarily from the transfer of acute renal failure from acute nephritis (ICDA No. 580) to the new Ninth Revision title acute renal failure (ICD No. 584).

The low comparability ratio for chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (ICD Nos. 582-583, 587) is attributable to the transfer of chronic renal failure from chronic nephritis (ICDA No. 582) to the new Ninth Revision title chronic renal failure (ICD No. 585).

The large increase in the number of deaths assigned by the Ninth Revision to renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (ICD Nos. 584-586, 588- 589) results in part from the above described transfers by the Ninth Revision to ICD Nos. 584 and 585; and to the following three additional transfers: (1) renal failure, nos, from other renal disease (ICDA No. 593.2) to the new Ninth Revision title renal failure, unspecified (ICD No. 586); (2) uremia (ICDA No. 792) to the new title chronic renal failue (ICD No. 585); and to renal failure, unspecified (ICD No. 586); and (3) acute tubular nephrosis (ICDA No. 593.1) to the new Ninth Revision title acute renal failure, with lesion of tubular necrosis (ICD No. 584.5).

XI. COMPLICATION OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM

The most nearly comparable Eighth Revision title to the Ninth Revision title pregnancy with abortive outcome (ICD Nos. 630-638) is abortions (ICDA Nos. 640-645). The large comparability ratio for this set of titles (3.8125) results in large part from the fact that ectopic pregnancy (ICDA No. 631) has been transferred from complications of pregnancy (ICDA No. 630-638) to pregnancy with abortive outcome (ICD Nos. 630-638).

XV. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD

This chapter was extensively revised, including the change in title. In the Eighth Revision the comparable title was certain causes of perinatal morbidity and mortality. Conditions that were classifiable to other chapters according to the Eighth Revision are now included in this chapter if they arise during the perinatal period.

Some of the conditions that were previously classified by the Eighth Revision to anoxic and hypoxic conditions not elsewhere classifiable (ICDA No. 776) were transferred by the Ninth Revision to other respiratory conditions of newborn (ICD No. 770).

The title birth trauma (ICD No. 767) of the Ninth Revision does not include all types of intracranial hemmorrhage. The exclusion of intraventricular and subarachnoid hemmorrhage from this category reduced the number of deaths assigned by the Ninth Revision to birth trauma.

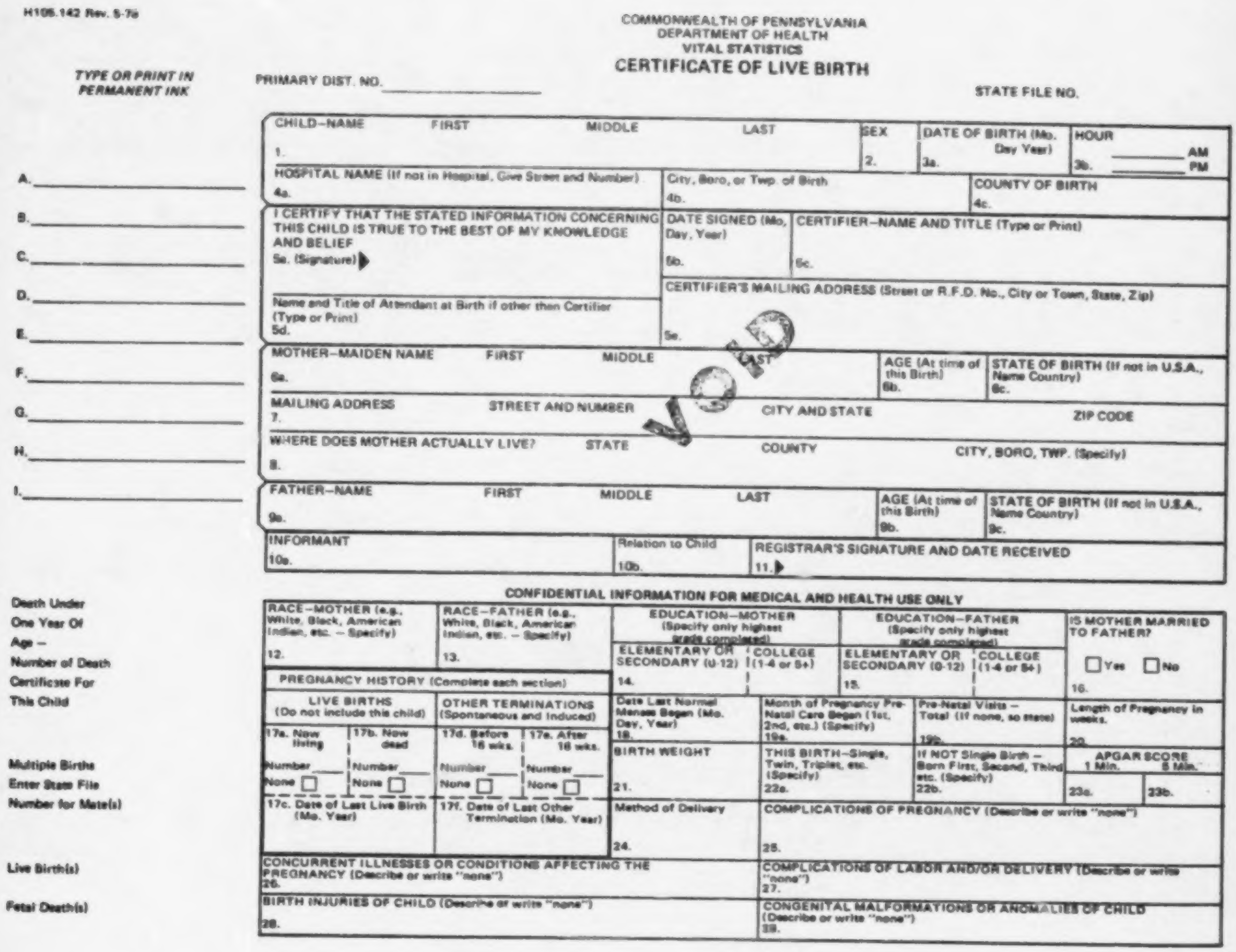
These changes account for the low comparability ratio (0.7483) between the Ninth Revision title birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (ICD Nos. 767-769) and the Eighth Revision title birth injury, difficult labor, and other anoxic and hypoxic conditions (ICDA Nos. 764-768, 772, 776).

XVI. SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS

The comparability ratio of less than 1.0 for this chapter results from the transfer of inclusion terms to Chapters I-XV. Some of the most important of these transfers were the following: Acute heart failure, undefined (ICDA No. 782.4) to heart failure, unspecified (ICD No. 428.9); uremia (ICDA No. 792) to chronic renal failure (ICD No. 585) and to renal failure, unnspecified (ICD No. 586); electrolyte disorders (ICDA

No. *788.0) to disorders of fluid, electrolyte and acid-base balance (ICD No. 276) and to late metabolic acidosis of newborn (ICD No. 775.7); encephalopathy (ICDA No. 781.7) to encephalopathy, unspecified (ICDA No. 348.3); pylorospasm (ICDA No. 784.2) to other (ICD No. 537.8) under other disorders of stomach and duodenum; hematemesis (ICDA No. 784.5) to hematemesis (ICD No. 578.0); melena (not of newborn) (ICDA No. 785.7) to melena (ICD No. 578.1); hematuria (ICDA No. 789.3) to hematuria (ICD No. 599.7); and depression (ICDA 790.2) to depressive disorder, not elsewhere classified (ICD No. 311).

FIGURE I



H105.142 Rev. 5-76

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL STATISTICS
CERTIFICATE OF LIVE BIRTH

TYPE OR PRINT IN PERMANENT INK

PRIMARY DIST. NO. ____________

STATE FILE NO.

A. ____________
B. ____________
C. ____________
D. ____________
E. ____________
F. ____________
G. ____________
H. ____________
I. ____________

CHILD—NAME FIRST MIDDLE LAST 1.
SEX 2.
DATE OF BIRTH (Mo. Day Year) 3a.
HOUR 3b. ________ AM ________ PM
HOSPITAL NAME (If not in Hospital, Give Street and Number) 4a.
City, Boro, or Twp. of Birth 4b.
COUNTY OF BIRTH 4c.
I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF
5a. (Signature) ▶
DATE SIGNED (Mo, Day, Year) 5b.
CERTIFIER—NAME AND TITLE (Type or Print) 5c.
Name and Title of Attendant at Birth if other than Certifier (Type or Print) 5d.
CERTIFIER'S MAILING ADDRESS (Street or R.F.D. No., City or Town, State, Zip) 5e.
MOTHER—MAIDEN NAME FIRST MIDDLE LAST 6a.
AGE (At time of this Birth) 6b.
STATE OF BIRTH (If not in U.S.A., Name Country) 6c.
MAILING ADDRESS STREET AND NUMBER CITY AND STATE ZIP CODE 7.
WHERE DOES MOTHER ACTUALLY LIVE? STATE COUNTY CITY, BORO, TWP. (Specify) 8.
FATHER—NAME FIRST MIDDLE LAST 9a.
AGE (At time of this Birth) 9b.
STATE OF BIRTH (If not in U.S.A., Name Country) 9c.
INFORMANT 10a.
Relation to Child 10b.
REGISTRAR'S SIGNATURE AND DATE RECEIVED 11. ▶

VOID

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

Death Under One Year Of Age — Number of Death Certificate For This Child

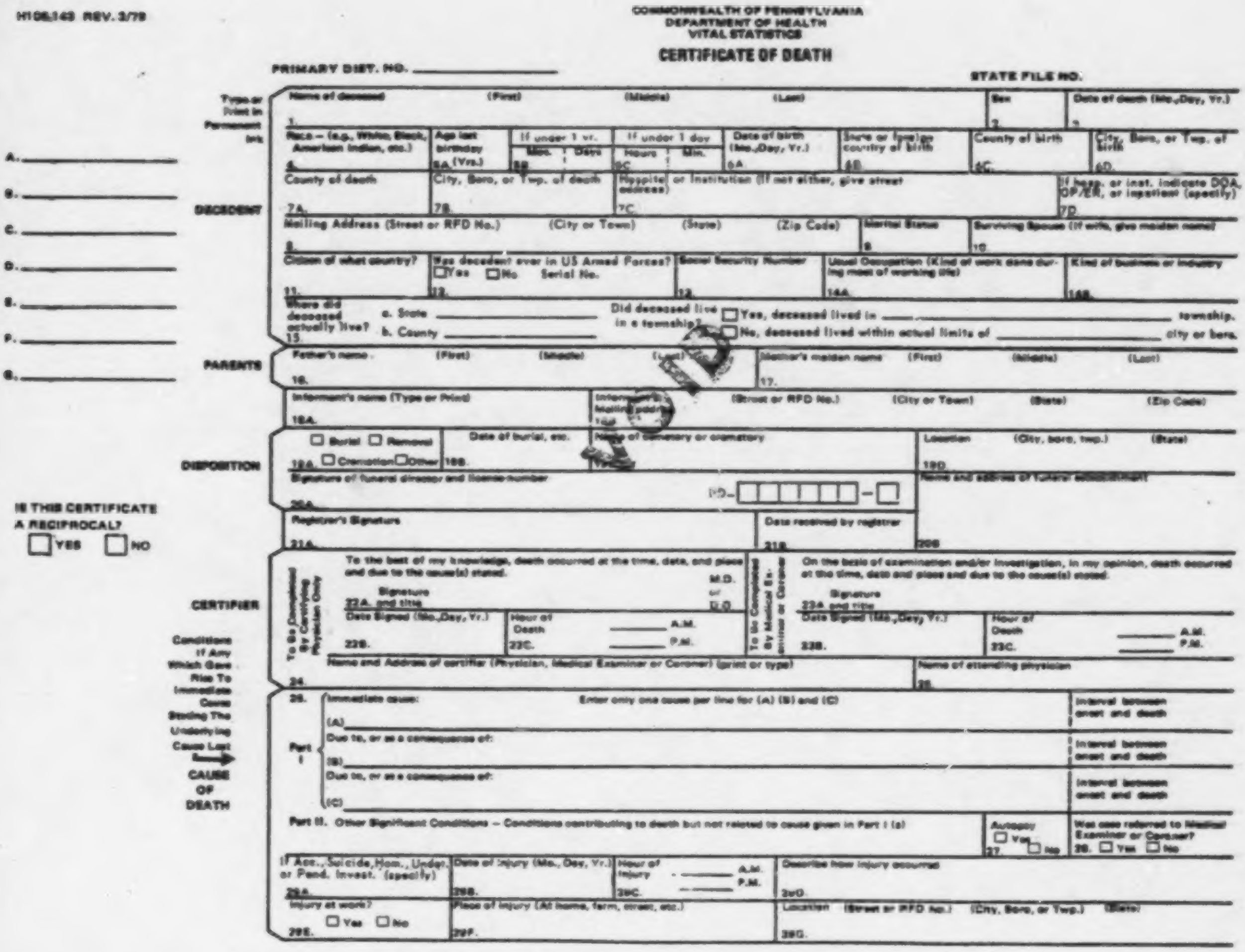
Multiple Births Enter State File Number for Mate(s)

Live Birth(s)

Fetal Death(s)

RACE—MOTHER (e.g., White, Black, American Indian, etc. — Specify) 12.
RACE—FATHER (e.g., White, Black, American Indian, etc. — Specify) 13.
EDUCATION—MOTHER (Specify only highest grade completed) ELEMENTARY OR SECONDARY (0-12) | COLLEGE (1-4 or 5+) 14.
EDUCATION—FATHER (Specify only highest grade completed) ELEMENTARY OR SECONDARY (0-12) | COLLEGE (1-4 or 5+) 15.
IS MOTHER MARRIED TO FATHER? ☐ Yes ☐ No 16.
PREGNANCY HISTORY (Complete each section)
LIVE BIRTHS (Do not include this child)
17a. Now living Number ____ None ☐
17b. Now dead Number ____ None ☐
17c. Date of Last Live Birth (Mo. Year)
OTHER TERMINATIONS (Spontaneous and Induced)
17d. Before 16 wks. Number ____ None ☐
17e. After 16 wks. Number ____ None ☐
17f. Date of Last Other Termination (Mo. Year)
Date Last Normal Menses Began (Mo. Day, Year) 18.
Month of Pregnancy Pre-Natal Care Began (1st, 2nd, etc.) (Specify) 19a.
Pre-Natal Visits — Total (If none, so state) 19b.
Length of Pregnancy in weeks. 20.
BIRTH WEIGHT 21.
THIS BIRTH—Single, Twin, Triplet, etc. (Specify) 22a.
If NOT Single Birth — Born First, Second, Third etc. (Specify) 22b.
APGAR SCORE 1 Min. 23a. 5 Min. 23b.
Method of Delivery 24.
COMPLICATIONS OF PREGNANCY (Describe or write "none") 25.
CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none") 26.
COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write "none") 27.
BIRTH INJURIES OF CHILD (Describe or write "none") 28.
CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or write "none") 29.

FIGURE II



H105.143 REV. 3/79

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL STATISTICS

CERTIFICATE OF DEATH

PRIMARY DIST. NO. ____________

STATE FILE NO.

Type or Print in Permanent Ink

DECEDENT

Name of deceased (First) (Middle) (Last) 1. | Sex 2. | Date of death (Mo.,Day, Yr.) 3.

Race — (e.g., White, Black, American Indian, etc.) 4. | Age last birthday 5A. (Yrs.) | If under 1 yr. Mos. Days 5B | If under 1 day Hours Min. 5C | Date of birth (Mo.,Day, Yr.) 6A | State or foreign country of birth 6B. | County of birth 6C. | City, Boro, or Twp. of birth 6D.

County of death 7A. | City, Boro, or Twp. of death 7B. | Hospital or Institution (If not either, give street address) 7C. | If hosp. or inst. indicate DOA, OP/ER, or inpatient (specify) 7D.

Mailing Address (Street or RFD No.) (City or Town) (State) (Zip Code) 8. | Marital Status 9. | Surviving Spouse (If wife, give maiden name) 10.

Citizen of what country? 11. | Was decedent ever in US Armed Forces? ☐ Yes ☐ No Serial No. 12. | Social Security Number 13. | Usual Occupation (Kind of work done during most of working life) 14A. | Kind of business or industry 14B.

Where did deceased actually live? 15. a. State ____________ b. County ____________ Did deceased live in a township? ☐ Yes, deceased lived in ____________ township. ☐ No, deceased lived within actual limits of ____________ city or boro.

PARENTS

Father's name (First) (Middle) (Last) 16. | Mother's maiden name (First) (Middle) (Last) 17.

Informant's name (Type or Print) 18A. | Informant's Mailing address 18B. (Street or RFD No.) (City or Town) (State) (Zip Code)

DISPOSITION

19A. ☐ Burial ☐ Removal ☐ Cremation ☐ Other | Date of burial, etc. 19B. | Name of cemetery or crematory 19C. | Location (City, boro, twp.) (State) 19D.

Signature of funeral director and license number 20A. FD-☐☐☐☐☐☐-☐ | Name and address of funeral establishment 20B

Registrar's Signature 21A. | Date received by registrar 21B.

IS THIS CERTIFICATE A RECIPROCAL?
☐ YES ☐ NO

A. ____________
B. ____________
C. ____________
D. ____________
E. ____________
F. ____________
G. ____________

CERTIFIER

To Be Completed By Certifying Physician Only: To the best of my knowledge, death occurred at the time, date, and place and due to the cause(s) stated. Signature 22A. and title M.D. or D.O. | Date Signed (Mo.,Day, Yr.) 22B. | Hour of Death 22C. ______ A.M. ______ P.M.

To Be Completed By Medical Examiner or Coroner: On the basis of examination and/or investigation, in my opinion, death occurred at the time, date and place and due to the cause(s) stated. Signature 23A. and title | Date Signed (Mo.,Day, Yr.) 23B. | Hour of Death 23C. ______ A.M. ______ P.M.

Name and Address of certifier (Physician, Medical Examiner or Coroner) (print or type) 24. | Name of attending physician 25.

CAUSE OF DEATH

Conditions If Any Which Gave Rise To Immediate Cause Stating The Underlying Cause Last

26. Part I Immediate cause: Enter only one cause per line for (A) (B) and (C)
(A) ____________ Interval between onset and death
Due to, or as a consequence of:
(B) ____________ Interval between onset and death
Due to, or as a consequence of:
(C) ____________ Interval between onset and death

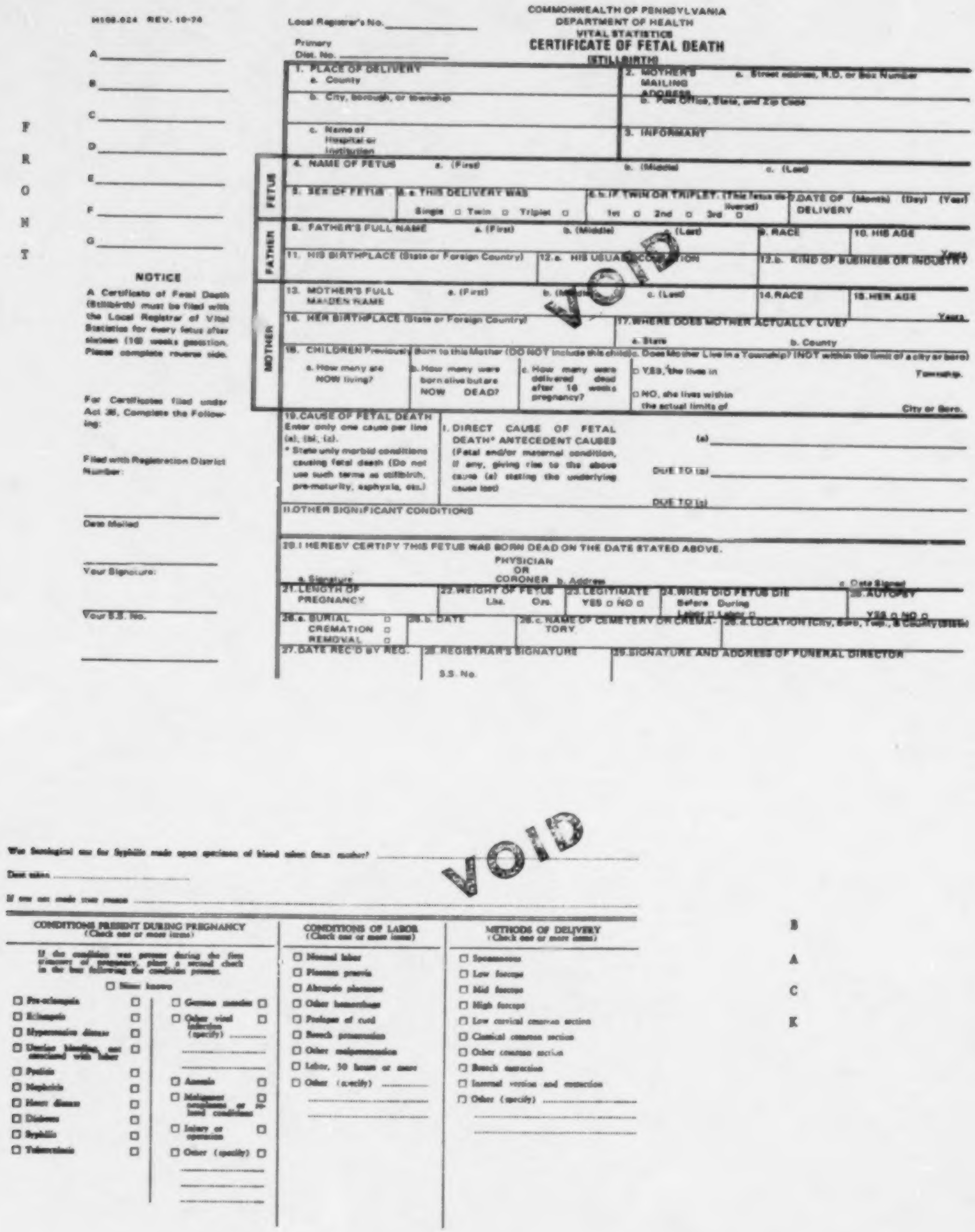
Part II. Other Significant Conditions — Conditions contributing to death but not related to cause given in Part I (a) | Autopsy 27. ☐ Yes ☐ No | Was case referred to Medical Examiner or Coroner? 28. ☐ Yes ☐ No

If Acc., Suicide, Hom., Undet. or Pend. Invest. (specify) 29A. | Date of injury (Mo., Day, Yr.) 29B. | Hour of injury 29C. ______ A.M. ______ P.M. | Describe how injury occurred 29D.

Injury at work? ☐ Yes ☐ No 29E. | Place of injury (At home, farm, street, etc.) 29F. | Location (Street or RFD No.) (City, Boro, or Twp.) (State) 29G.

VOID

FIGURE III



FRONT

H105.024 REV. 10-74

A ______
B ______
C ______
D ______
E ______
F ______
G ______

NOTICE

A Certificate of Fetal Death (Stillbirth) must be filed with the Local Registrar of Vital Statistics for every fetus after sixteen (16) weeks gestation. Please complete reverse side.

For Certificates filed under Act 36, Complete the Following:

Filed with Registration District Number:

Date Mailed

Your Signature:

Your S.S. No.

Local Registrar's No. ______

Primary Dist. No. ______

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL STATISTICS
CERTIFICATE OF FETAL DEATH
(STILLBIRTH)

1. PLACE OF DELIVERY a. County
b. City, borough, or township
c. Name of Hospital or Institution
2. MOTHER'S MAILING ADDRESS a. Street address, R.D. or Box Number
b. Post Office, State, and Zip Code
3. INFORMANT

FETUS
4. NAME OF FETUS a. (First) b. (Middle) c. (Last)
5. SEX OF FETUS
6.a. THIS DELIVERY WAS Single ☐ Twin ☐ Triplet ☐
6.b. IF TWIN OR TRIPLET. (This fetus delivered) 1st ☐ 2nd ☐ 3rd ☐
7. DATE OF DELIVERY (Month) (Day) (Year)

FATHER
8. FATHER'S FULL NAME a. (First) b. (Middle) c. (Last)
9. RACE
10. HIS AGE Years
11. HIS BIRTHPLACE (State or Foreign Country)
12.a. HIS USUAL OCCUPATION
12.b. KIND OF BUSINESS OR INDUSTRY

MOTHER
13. MOTHER'S FULL MAIDEN NAME a. (First) b. (Middle) c. (Last)
14. RACE
15. HER AGE Years
16. HER BIRTHPLACE (State or Foreign Country)
17. WHERE DOES MOTHER ACTUALLY LIVE? a. State b. County
18. CHILDREN Previously Born to this Mother (DO NOT include this child)
a. How many are NOW living?
b. How many were born alive but are NOW DEAD?
c. How many were delivered dead after 16 weeks pregnancy?
c. Does Mother Live in a Township? (NOT within the limit of a city or boro)
☐ YES, she lives in ______ Township.
☐ NO, she lives within the actual limits of ______ City or Boro.

19. CAUSE OF FETAL DEATH
Enter only one cause per line (a), (b), (c).
* State only morbid conditions causing fetal death (Do not use such terms as stillbirth, prematurity, asphyxia, etc.)
I. DIRECT CAUSE OF FETAL DEATH* ANTECEDENT CAUSES (Fetal and/or maternal condition, if any, giving rise to the above cause (a) stating the underlying cause last)
(a) ______
DUE TO (b) ______
DUE TO (c) ______
II. OTHER SIGNIFICANT CONDITIONS

20. I HEREBY CERTIFY THIS FETUS WAS BORN DEAD ON THE DATE STATED ABOVE.
PHYSICIAN OR CORONER
a. Signature b. Address c. Date Signed

21. LENGTH OF PREGNANCY
22. WEIGHT OF FETUS Lbs. Ozs.
23. LEGITIMATE YES ☐ NO ☐
24. WHEN DID FETUS DIE Before Labor ☐ During Labor ☐
25. AUTOPSY YES ☐ NO ☐
26.a. BURIAL ☐ CREMATION ☐ REMOVAL ☐
26.b. DATE
26.c. NAME OF CEMETERY OR CREMATORY
26.d. LOCATION (City, Boro, Twp., & County) (State)
27. DATE REC'D BY REG.
28. REGISTRAR'S SIGNATURE S.S. No.
29. SIGNATURE AND ADDRESS OF FUNERAL DIRECTOR

VOID

BACK

Was Serological test for Syphilis made upon specimen of blood taken from mother? ......
Date taken ......
If test not made state reason ......

VOID

CONDITIONS PRESENT DURING PREGNANCY
(Check one or more items)

If the condition was present during the first trimester of pregnancy, place a second check in the box following the condition present.

☐ None known

- ☐ Pre-eclampsia ☐
- ☐ Eclampsia ☐
- ☐ Hypertensive disease ☐
- ☐ Uterine bleeding not associated with labor ☐
- ☐ Pyelitis ☐
- ☐ Nephritis ☐
- ☐ Heart disease ☐
- ☐ Diabetes ☐
- ☐ Syphilis ☐
- ☐ Tuberculosis ☐
- ☐ German measles ☐
- ☐ Other viral infection (specify) ☐ ......
- ☐ Anemia ☐
- ☐ Malignant neoplasms or blood conditions ☐
- ☐ Injury or operation ☐
- ☐ Other (specify) ☐ ......

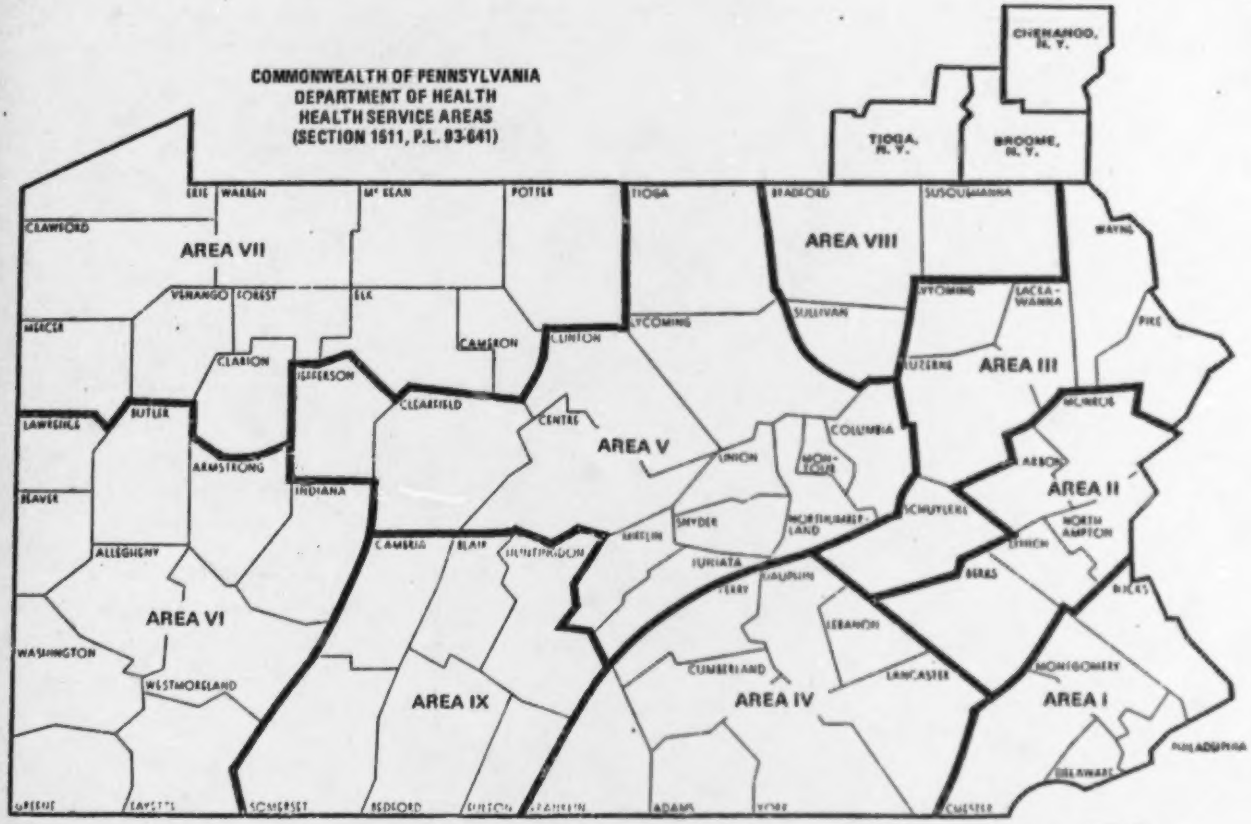
CONDITIONS OF LABOR
(Check one or more items)

- ☐ Normal labor
- ☐ Placenta praevia
- ☐ Abruptio placentae
- ☐ Other hemorrhage
- ☐ Prolapse of cord
- ☐ Breech presentation
- ☐ Other malpresentation
- ☐ Labor, 30 hours or more
- ☐ Other (specify) ......

METHODS OF DELIVERY
(Check one or more items)

- ☐ Spontaneous
- ☐ Low forceps
- ☐ Mid forceps
- ☐ High forceps
- ☐ Low cervical cesarean section
- ☐ Classical cesarean section
- ☐ Other cesarean section
- ☐ Breech extraction
- ☐ Internal version and extraction
- ☐ Other (specify) ......

FIGURE IV



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
HEALTH SERVICE AREAS
(SECTION 1511, P.L. 93-641)

AREA I
- BUCKS
- CHESTER
- DELAWARE
- MONTGOMERY
- PHILADELPHIA

AREA II
- BERKS
- CARBON
- LEHIGH
- NORTHAMPTON
- MONROE

AREA III
- LACKAWANNA
- LUZERNE
- PIKE
- SCHUYLKILL
- WAYNE
- WYOMING

AREA IV
- ADAMS
- CUMBERLAND
- DAUPHIN
- FRANKLIN
- LANCASTER
- LEBANON
- PERRY
- YORK

AREA V
- CENTRE
- CLEARFIELD
- CLINTON
- COLUMBIA
- JEFFERSON
- JUNIATA
- LYCOMING
- MIFFLIN
- MONTOUR
- NORTHUMBERLAND
- SNYDER
- TIOGA
- UNION

AREA VI
- ALLEGHENY
- ARMSTRONG
- BEAVER
- BUTLER
- FAYETTE
- GREENE
- INDIANA
- LAWRENCE
- WASHINGTON
- WESTMORELAND

AREA VII
- CAMERON
- CLARION
- CRAWFORD
- ELK
- ERIE
- FOREST
- MC KEAN
- MERCER
- POTTER
- WARREN
- VENANGO

AREA VIII
- BRADFORD
- SULLIVAN
- SUSQUEHANNA
- (TIOGA, N.Y.)
- (BROOME, N.Y.)
- (CHENANGO, N.Y.)

AREA IX
- BEDFORD
- BLAIR
- CAMBRIA
- FULTON
- HUNTINGDON
- SOMERSET

PENNSYLVANIA VITAL STATISTICS, 1979

****
E R R A T A
****

PLEASE MAKE THE FOLLOWING CORRECTIONS IN YOUR COPY OF THE PENNSYLVANIA VITAL STATISTICS REPORT

MORTALITY STATISTICS

On pages 76, 85, and 95, Table C-16, C-19, and C-22, wherever Genito-urinary System is listed this should be changed to Genital System only.

On page 77, Table C-16, the first table on that page is incorrect. The correct table is listed below.

TABLE C-16
LEADING CAUSES OF DEATH FOR HEALTH SERVICE AREAS, NUMBER AND RATE: PENNSYLVANIA, 1979

HEALTH SERVICE AREA	ALL CAUSES		HEART DISEASE											
			TOTAL HEART DISEASE		RHEUMATIC FEVER		CHRONIC RHEUMATIC		WITH HYPERTENSION		ISCHEMIC		OTHER	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	117,097	998.2	48,407	412.7	8	0.1	587	5.0	1,423	12.1	34,643	295.3	11,746	100.1
HSA I SOUTHEAST PA	36,089	969.2	13,441	360.4	5	0.1	184	4.9	463	12.4	9,219	247.2	3,570	95.7
HSA II EASTERN PA	8,771	962.6	3,955	434.0	0	-	46	5.0	115	12.6	2,831	310.7	963	105.7
HSA III NORTHEAST PA	9,838	1230.7	4,288	536.4	0	-	60	7.5	170	21.3	2,941	367.9	1,117	139.7
HSA IV S. CENTRAL PA	12,042	886.3	5,139	378.2	1	0.1	52	3.8	162	11.9	3,377	248.5	1,547	113.9
HSA V CENTRAL PA	6,991	962.0	3,038	418.1	1	0.1	29	4.0	84	11.6	2,188	301.1	736	101.3
HSA VI SOUTHWEST PA	29,533	1029.9	13,022	454.1	1	0.0	146	5.1	279	9.7	9,738	339.6	2,858	99.7
HSA VII NORTHWEST PA	7,027	945.4	2,931	294.3	0	-	32	4.3	69	9.2	2,367	318.4	463	62.3
HSA VIII KY-PENN	969	953.7	387	380.9	0	-	5	4.9	11	10.8	259	254.9	112	110.2
HSA IX KEYSTONE	5,037	1022.1	2,206	447.6	0	-	33	6.7	70	14.2	1,723	349.6	380	77.1

* RATE PER 100,000 ESTIMATED 1979 MIDYEAR POPULATION OF SPECIFIED AREA.